

<400> 3231

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accagacccg	gcgacgtcga	gctctgctga	gggcttcagg	tgtgcgaagg	atcgatcggg	180
aggagaagcg	ggagctgcag	gcactgcgcc	aatcccggga	ggattgtggc	tgtcactgcg	240
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agctgggaga	caacagctgc	agcagcgaca	tgactgattc	ttccacagca	tcttcacag	600
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ctgggctttg	gtgcagacta	gggtgtggatt	tgagctctgt	gatctatgtc	tgctgcctgg	1920
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tgtttgctaa	tgtttaattt	tgcatcataa	tttctacatt	gtccctgagt	gtcagaacta	2340
taatttatcc	catttctctc	tgtgtctgtg	ccaagaaacg	caggctctgg	gcctgcccct	2400
tgcccaggag	gccttgccag	cctgtgtgct	tgtgggaaca	cctgttacct	gagcttacag	2460
gtaccaataa	agaggcttta	tttttaaaaa	aaaaa			2495

<210> 3232

<211> 958

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(53)

<223> similar to gi2828710 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3232

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ggaggtgtga	gcccaaaggt	ctggaccag	aaatgggacg	tcggtcacat	gatactgaag	180
aagaaagcag	aagcaagaga	aaaaagaaac	accgtagacg	gtcctcctcg	agcagttctt	240
cagatagtag	aacatacagc	cgaaagaaag	gaggaaggaa	atcaagatca	aagtcaagat	300
cttgggtccag	agatcttcag	cctcgttcac	attcttatga	tagaagacgc	aggcatcgat	360
caagcagtag	ctcttcttat	ggctccagaa	ggaaacgaag	tcgaagtcgt	tcaaggggtc	420
gagggaaatc	ctatagagtt	cagaggtcta	ggtcaaaaag	cagaacaaga	aggtccaggt	480
caagacctcg	tctccgttct	catagtcgta	gcagtgaaag	gtccagtcac	agaagaacgc	540
gtagtcggtc	tcgggataga	gaacgacgta	agggcagaga	taaagagaaa	agagaaaagg	600
agaaggataa	aggaaggac	aaggaattac	ataacatcaa	acgtggggaa	tctggaaaca	660
tcaaagctgg	attagaacat	ctgccaccag	ctgaacaggc	caaagccaga	ctacagctgg	720
ttcttgaaagc	tgctgcaaaa	gctgatgaag	cattgaaagc	caaagaaaga	aatgaggaag	780
aagcaaagag	aagaaaggag	gaagaccaag	ccaccctggg	agaacaagta	aaaagagtaa	840
aagaaattga	agctattgaa	agtgattctt	ttgttcagca	gacattcaga	tcaagtaaag	900
aagtcaaaaa	gtcagtgga	cctaattggag	tgaacaggc	acctttaaca	tcaggacg	958

<210> 3233

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (71)...(651)

<223> similar to gi5732634 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3233

tttcgtgcaa	agaaaactgt	gagagagaga	atttttaaaa	agcagctggg	gcctgaggtt	60
tctccccag	taccctgggt	cacctcagcc	cagagctggc	ggcaggcccc	cagccccctca	120
tgtcagagcc	ccctgtgtac	tgtaacctgg	tgacacctcg	ccgctgtcct	cggtccccac	180
ccccaggccc	tgcatgcccc	ctgctgcaga	ggctggatgc	ctgggagcag	cacctggacc	240
ccaactctgg	acgctgcttc	tacataaatt	cactgactgg	ctgcaagtcc	tggaagcccc	300
cgcgccgcag	tcgcagcgag	acgaaccctg	gctccatgga	ggggacacag	accctgaaga	360
ggaacaatga	tgctctgcaa	cctcaggcaa	agggcttcag	atctgacaca	gggacccccag	420
aaccgcttga	cccacagggt	tcactcagcc	tcagccaacg	cacctcgag	cttgaccctc	480
cagccttgca	ggccccctga	cctctgcgcg	agctcctgga	cgacccccat	gtgaacctcc	540
catttctttg	tgaaggccaa	gatcctccct	gccccccctc	cccccttttc	ctgctccaca	600
taaacatctt	cctctttctg	aatatcctcc	taccagcccc	tccccagca	actttaaggg	660
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tacagatccc	attccctcca	cttccccag				748



<210> 3234  
 <211> 1938  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (183)...(985)  
 <223> similar to gil93527 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3234

cgaaaaggag	gtcctgtctt	cggggagaaa	cattctaaat	cacctgccct	ctcttcctgg	60
ggggaccag	tcctgctgaa	gacagatgtg	ccattgagct	cagcagaaga	ggcagagtgc	120
cactgggcag	acacagagct	gaaccgtcgc	cgccggcgct	tctgcagcaa	agttgagggc	180
tatggaagt	tatgcagctg	caaggacccc	acacccatcg	agttcagccc	tgacccactc	240
ccagacaaca	aggctcctcaa	tgtgcctgtg	gctgtcattg	cagggaaaccg	acccaattac	300
ctgtacagga	tgctgcgctc	tctgctttca	gcccaggggg	tgtctcctca	gatgataaca	360
gttttcattg	acggctacta	tgaggaaccc	atggatgtgg	tggcactggt	tggtctgagg	420
ggcatccagc	atactcccat	cagcatcaag	aatgcccgcg	tgtctcagca	ctacaaggcc	480
agcctcactg	ccactttcaa	cctgtttccg	gaggccaagt	ttgctgtggt	tctggaagag	540
gacctggaca	ttgctgtgga	ttttttcagt	ttcctgagcc	aatccatcca	cctactggag	600
gaggatgaca	gcctgtactg	catctctgcc	tggaatgacc	aggggtatga	acacacggct	660
gaggaccag	cactactgta	ccgtgtggag	accatgcctg	ggctgggctg	ggtgctcagg	720
aggctcctgt	acaaggagga	gcttgagccc	aagtggccta	caccggaaaa	gctctgggat	780
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gtttcccgat	cctaccactt	tggcatcgct	ggcctcaaca	tgaatggcta	ctttcacgag	900
gcctacttca	agaagcaca	gttcaacacg	gttcagggtg	tccagctcag	gaatgtggac	960
agtctgaaga	aagaagctta	tgaagtggaa	gttcacaggc	tgctcagtga	ggctgagggt	1020
ctggaccaca	gcaagaaccc	ttgtgaagac	tctttcctgc	cagacacaga	gggccacacc	1080
tacgtggcct	ttattcgaat	ggagaaagat	gatgacttca	ccacctggac	ccagcttgcc	1140
aagtgcctcc	atatctggga	cctggatgtg	cgtggcaacc	atcggggcct	gtggagattg	1200
tttcggaaga	agaaccactt	cctgggtggtg	ggggtcccg	cttcccccta	ctcagtgaag	1260
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ggctggctct	tactcaggaa	actgctgtgc	ccaacccatg	gacaggccca	gctggggccc	1800
acatgctgac	acagactcac	tcagagaccc	ttagacactg	gaccaggcct	cctctcagcc	1860
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cctctgggaa	aaaaaaaa					1938

<210> 3235  
 <211> 2186  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature

<222> (2175)...(1949)

<223> similar to gi288145 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3235

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agtagggcct	tcgcgcacct	catggaatcc	cttctgcagc	acctggatcg	cttttccgag	180
cttctggcgg	tctcaagcac	tacctacgtc	agcacctggg	accccgccac	cgtgcgcccgg	240
gccttgcaagt	gggcgcgcta	cctgcgccac	atccatcggc	gctttggtcg	gcatggcccc	300
attcgcaagg	ctctggagcg	gcggctgcac	aaccagtggg	ggcaagaggg	cggctttggg	360
cggggtccag	ttccgggatt	agcgaacttc	caggccctcg	gtcactgtga	cgtcctgtct	420
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caactctttc	ccggcccggg	cgtcggggac	gccgatgagg	agacactcca	agagagcctg	540
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gagcgcttgc	ctcagaacaa	cttcctgaag	gtgatagcgg	tggcgctggt	gcagccgcct	780
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agccaagtgc	tagtccactg	gcttctgggg	aattcggaag	tctttgctgc	cttttgctgc	900
gccttcccag	ccgggctttt	gacttttagt	actagccgcc	accagcgct	gtctcctgtc	960
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agtttgcttt	ttaatagaag	gccattttgt	aagaatgttg	aaaatatgtg	taccgtttta	1560
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cattttctgc	aaattcttac	tttgaaaatg	aatcaccaca	tagtatgtcc	ctttaagca	1860
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attaatgctt	gatgataaaa	gaatcaaact	tttttttttt	tgaaggagg	tctcgctttg	1980
tcacccaaac	tggagggcag	gggggggac	actgttaagg	gcaacctttg	cctcccagga	2040
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cggctaattt	tttgattttt	tagtaaaaac	gggggtttaac	catgctggcc	aggctgggtct	2160
caaacacctg	acctgggat	ccgtcc				2186

<210> 3236  
 <211> 1257  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1258)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1210)...(840)  
 <223> similar to gi930045 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 3236
tttttttttt ttcagactta ttaaacaatga tttattactt ttgggacagg gagacgggga      60
gaaattgata gaccaataaa tattgcacaa ggctgctggt ggtgggggag atccagaccg      120
aggtgagttt ctgtagaaaag ggtgaaagac ctgggcgagg aaggcacctg aggttgcccg      180
gagccagggt gggagcgagt cttggtggcg aggggtggtt ctggttcacc tacctagcac      240
aaggtctcca actccttcag cctagacacc ctgatcagca gctgaccagt tggcctgccca      300
tttaagcagc agcaattgat agcaagatca ggtttccttt agaaattctt attggttcct      360
tccctgcagc gacaaccggc tgcccaaagt tgatggaacc cagcagctgt cactggacgt      420
ttgccaggag gcaggggctaa cggccttggt gcacatgatg ggcagtgtgc ccggagcggg      480
ctgaaaaaga caatgatata tagtctcggg agggcgagc ttttaactctt ctacctggcg      540
gtttacagaa gccagagctg agcagctgtg attggcagac accctcagct cctcagccaa      600
accacacttg gatgtttatg gtgaggggtg gactaagaaa tggaacagaa gcagagctaa      660
atcgctttga ttggctgttc atcgaagggg cggggaagac ttaacaactg ctagtctgtt      720
tgattggctg ctttgcctta gcacacagtg cagcaaaaat aatcacctgt cagttattgg      780
aagttggagt gaaaagtata ataaccgtaa ttgacagcct gtcgtgaagg aggcggggct      840
tagttcctag cctgctgact gggcagggag gtaggttcta ctcaggagat gttactgctg      900
ggcgtggctt gcggggggctc ggaagtgatc ggagccactg ggtctagttt ggggaaaccc      960
gggggtgggt acaatcccat gctgggggtc agggcctgca gatgcgccag ggcccagatt     1020
ccgttgaagg tcacctcaca gcctgacttg gctaggagcc agttctccac ctccgaccgg     1080
agccacctgg aggtctcttc gggcgagcct tgagtgtccc ctggccgccc ggccaggaag     1140
ctgtgagcca gcagcgcctc cttggtgtgc tcgtcctgcg cgcgcagggc cagggcgatg     1200
agcagctccg gaattccncc gcnctgacta aggtctcaaa anncnagggt gatctat      1257

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<210> 3237  
 <211> 759  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (150)...(684)  
 <223> similar to gi1532033 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3237

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cgcttgggcg	atgagtgaga	acctcgacaa	cgaggggccc	aagcccgtgg	agagctgtgg	120
ccaggagagc	agcagtggcc	tgagctggcc	taccgtctcg	gtgccccctg	cagccccggc	180
agccctggag	gaggtggaga	aagagggcgc	tggggcggct	acagggccgg	ggcctcagcc	240
cggtctctac	agctacatca	gggatgactt	gtttacctct	gagatcttta	aactggagct	300
gcagaacgtg	cctcgccacg	ccagcttcag	cgacgtccgg	cgcttccctg	gccgctttgg	360
tctgcagccc	cacaaaacca	aactctttgg	gcaaccaccc	tgcgcccttg	tgacattccg	420
cagcgctgca	gagagggaca	aggccctggc	cgttttgcat	ggtgccctct	ggaaaggccg	480
cccactcagt	gtgcgcctgg	ccgggcccac	ggccgacccc	atggccagga	ggaggcgaca	540
ggaggggtgag	agtgcagcac	cagtaacacg	agtggccgac	gtggtgaccc	ctctatggac	600
agtgccttat	gctgagcagc	ttgagcggaa	gcagctggag	tgcgagcagg	tgctgcacaa	660
acttgccaag	tgagtgtggg	cgcaaaaaca	ccctcttggc	cagggctctg	cccggcctgt	720
gcttctgag	cctgtccgaa	ttccaccgcg	ttttttcag			759

<210> 3238

<211> 2183

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(294)

<223> similar to gi3002527 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3238

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ctcggtcac	tgcaagctcc	gcctcccggg	ttcacgccat	tctcctgcct	cagcctcccg	120
agtagctggg	actacaggcg	cccgtacca	cgcccggcta	atTTTTTgta	TTTTtagtag	180
agacgggggt	tcaccgtgtt	agccaggatg	gtctcgatct	cctgacctcg	tgatccgccc	240
gcctcggcct	cccaaagtgc	tgggattaca	ggcgtgagcc	accgagcccc	gccccagaga	300
ataggggagc	caaggaggaa	atgtggaaac	gcagttgtgt	ggcccagcac	gagcctgggc	360
gaccaccggg	tgacatccgt	cccacatcag	ggcggcctcc	caggtcccat	aagggtagcc	420
ccctcatctg	caggacagag	ggaaagccagt	cagggccccc	ccggacgtta	ggaccaggag	480
aaatcaacag	gagggcagcc	cgctctctct	cttggggcgc	ccaccgggcc	cggctgagcc	540
ctgccccacc	caactccaca	gggtgttttt	gcctccccac	ggaaggcggg	ctgaggagac	600
aaccagatca	ggagagcaag	gtcatgaagg	aggggacctc	tccacacagg	tgttccgtgg	660
gacctcagc	agctctggct	ctgcctcagg	aggtcacctg	ccgccctgtg	ggagccgcag	720
agcctgagcg	tcagccccag	gccagctgcg	gccaggcctg	cgggccccctg	gtgatgggggt	780
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cagtctccat	gtgtgtgcca	agccctggcc	cccacagcgc	tcgatggacc	tcagcaagct	1080
gcccagccct	ggcccagggtg	ccccgactgt	gggactcagt	tgttctgagc	acatttgact	1140
ccacttttcc	tttaaaaatg	aatgtcttgt	tcctgtgcat	tggtggcatc	acagacccca	1200

gctggggcgc	gatgtcaaag	gtcgggacag	ctgtgccggg	aggcagccac	agggaaagctc	1260
acacatcctg	tcagtgtcac	cttggtttgc	aaaacccata	tccccggtaa	aatgaggccg	1320
gacagagggg	ctgttaggac	agcaaagcag	cagtgtccag	agaccctca	atcccaaaag	1380
gtccgcaccc	gtcctgcac	accctggggc	acgccggcca	caccctctg	ctgcaacaag	1440
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gttggatcta	cagaacaacc	caccatttct	gggggcccga	gaggatccat	cacagacgga	1560
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gggcgtgagt	ggacatgtca	ggtggttacc	aggcactggt	tgttgatggt	cggtggttgg	1920
gtgtgggcag	tcatacgtca	tcagggtgtgc	tcaggggaca	atctccccctc	aaccgcacat	1980
gtgccactgt	tcagcggagc	tgactggttt	ctcctggtag	agggccgggt	gtatcctgac	2040
agatgcctgg	tgagcagggg	aagcaggacc	cagtgggtcaa	caggtgtctt	taactgtcat	2100
tgtgtgtgga	atgtcgcaga	ctcctccacg	tggcgggaat	gagctgtgta	aatacttcaa	2160
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<210> 3239

<211> 2483

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2421)...(1347)

<223> similar to gi3165570 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3239

gagtataacc	tgactcctcc	agaacccttc	agggcaggca	ttttattcat	cattttatfff	60
aaaaataact	gggagtcaga	aacagatgct	aagaggaggc	acattcttca	agttttctaa	120
aagaaccctt	tctacttttg	ataggacaaa	aatgagcttt	ggctgaatga	actgagacta	180
gacataagaa	ggactgagct	gctgatgagt	tatgaatgga	agactaacac	gcagtctcaa	240
ggcaggagaa	gaagaacatg	tgctgttttc	ctgggagtg	ggcaactggt	ggtggctgtg	300
agaaggcaga	gctcttcaga	ggggacagcc	agaacagggt	agtcactggg	ggccctatff	360
agcctgagaa	tgcaggagg	attgttttat	ggggtcctcc	ctgcccctca	agacaccctt	420
ccgccccatc	cccacaccag	ggtgctagag	aagataggaa	tatagatttt	aatcattgtg	480
ctgctgctat	taaccagagt	gcaattaatc	catcttttgt	ggattttgat	gccacagtgt	540
aaatgagagg	gtttcacaca	gaaacactct	gggggccttc	ggtgacaaaa	gggctaggcc	600
tctggtgggg	agggggtggc	aaaagggtgaa	gtggaattag	gagagatgtg	gggagcagac	660
ccagggtctg	gagactgtct	cttccccatc	acacatgccc	atcaaggacc	ccaagaggaa	720
gggattcttc	ctgccatggc	ctgggctgtc	caagttagcc	tgacttccct	tccaaggcag	780
ctgcctctag	cttcatgtcc	aattctcgct	gagtagatga	ggtccagggt	aggcccacag	840
ttgaccacca	aatggtgaag	agatataagc	caaggagaaa	gaaagtgggt	tggaaacccc	900
aatcattctc	catttttcat	cctaagctac	cttaaaacta	gttcagagct	ggggaaagac	960
agcaacagca	gtctatcctc	tgggtcagaa	ctgctctacc	tgctcctgg	agatgggggt	1020
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tgtgcagtaa	gtgaagactc	tcttcagagt	cagctctgca	gctgggtggg	tcattctgtc	1140
ctcttacagt	tttctgagat	tggtaggatt	tggagctata	gagagggtcaa	cttagagccc	1200

caaggccaga	ctccactggt	tgctaacagg	agctgacatt	cttgggaagta	gccccgactg	1260
cttggacaag	atcattccctc	atgttaagag	tgaagtgata	tgggtccagg	caaagggtact	1320
gagcccagag	acagctagga	gtcagagaca	cacagggcct	ccactgcgtc	actcagaccc	1380
tggttgacac	ctcccacggc	gaggaggcag	ttcttgacga	ctatgctgga	gcaggcacag	1440
cggggtgtgg	gcatggcagg	gaggatctcc	catttgttct	tccctgggtg	gaatgcttcc	1500
gccgtctcca	ggacagtggg	ttgattccca	agtccccag	ccactatgac	ccgtccactc	1560
agagagccag	ccacaaaatc	tgcccgcgcg	ttcttgagga	agaacgatcg	ttccatcttc	1620
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accttcagg	gcagctgatt	ggtgcccacg	cccccaatca	ccatgatccg	cttccccagg	2160
gcggtgacgg	ccacccccgc	ccgggctgtg	ggcagccggg	gcaaggcggg	ccactggctc	2220
gcctccgggg	agtagacctc	gaagcagtc	atggggacgc	cgttgtcgtc	acatcccccg	2280
atggcataga	cctggccccc	ggtctccagc	agggagcagt	agaccggcg	gctgggcagt	2340
ggcgccaggc	gcttccactg	gaagtccttg	acgttaggca	cctccatggc	agccttgggg	2400
agcgcccg	cgccgggaga	gttgcgagcg	cgggggtcca	ccggctactt	ggcgccggct	2460
cccacggccc	ctatcgact	aaa				2483

<210> 3240

<211> 2451

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (12)...(1567)

<223> similar to gi2827886 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3240

tttcgtcacc	caggcagtc	ctgacgtgtc	ggggaggagc	cgggcgcgga	ggtacgctga	60
gtggagctcg	gggctgcgta	ggggagctga	gccgagcggc	tgggcggggc	tgccggggcc	120
agcggagggg	agacgtcggg	tgagcggcgg	cgaacatgcg	cttttgacac	attggaggct	180
ttcttgatca	tggtatgtga	agatatacca	gatttttcaa	gtttaaagga	ggaaactgct	240
tattggaagg	aactttcctt	gaagtataag	caaagcttcc	aggaagctcg	ggatgagcta	300
gttgaattcc	aggaaggaag	cagagaatta	gaagcagagt	tggaggcaca	attagtacag	360
gctgaacaaa	gaaatagaga	cttgagggt	gataaccaaa	gactgaaata	tgaagtggag	420
gcattaaagg	agaagctaga	gcatcaatat	gcacagagct	ataagcagg	ctcagtgtta	480
gaagatgatt	taagtcagac	tcggggccatt	aaggagcagt	tgcataagta	tgtgagagag	540
ctggagcagg	ccaacgacga	cctggagcga	gccaaaagg	caacaatagt	ttcactggaa	600
gactttgaac	aaaggctaaa	ccaggccatt	gaacgaaatg	cattttttaga	aagtgaactt	660
gatgaaaagg	aatctttgtt	ggtctctgtg	cagagggttaa	aggatgaagc	aagagattta	720
aggcaagaac	tagcagttcg	ggaaagacaa	caggaagtaa	ctagaaagtc	ggctcctagc	780
tctccaactc	tagactgtga	aaagatggac	tccgccgtcc	aagcatcact	ttctttgcc	840
gctaccctg	ttggcaaaagg	aacggagaa	acttttcctt	caccgaaagc	tataccaaat	900

ggtttttgga	ccagtcact	aactccctct	gctaggatat	cagcactaaa	catcgtgggg	960
gatctcttac	ggaaagtagg	ggcttttagaa	tccaaattag	cagcttgacg	gaattttgca	1020
aaggaccaag	catcacgaaa	atcctatatt	tcagggaatg	ttaaactgtg	ggtgctgaat	1080
ggcaatggca	caaagtcttc	tcgatcaggg	catacatctt	tcttcgacaa	aggggcagta	1140
aacggctttg	acc'ccgctcc	tectctctct	ggtctgggct	cctcgcgtcc	atcgtcagcg	1200
ccgggtatgc	tgctctcag	tgtgtgagtg	cctagcctcc	aggtgggggc	tcctgcccctc	1260
ctccaacaac	ccaggacacc	cacgcctcac	ccctcgggtgc	ctgggcccag	ccccgtgccc	1320
ctccgtctgc	ctccgcacgg	ctggcagagg	gcaggctgca	tgcaagtggcg	gctactgggc	1380
cctgcccagc	cccggaaactc	tgcgcgatat	caatactggc	tattttctct	tctcgcgta	1440
gtgccgttgg	tttcacatga	ttgcactttt	gtgggtcgca	aggtgataca	tacgtgtatt	1500
acttggtcac	tggatgcaga	agtaccatt	catcacacct	gccccatagc	ccccactctg	1560
ctgtactgat	aggatttagt	tgtgttttag	gacattgcaa	atcttctaga	agttctcccc	1620
caaatacagg	caatgtgtgc	cctcctgagc	tcccaccag	gcattctccag	tgctcatgat	1680
catgtgtccc	ccaactccac	ccctcacagt	ttgggcctgt	ttctggcaaa	gagtcaggaa	1740
ggttactgaa	ttagggaaca	ttttctgcac	cttctgattt	tacttaagca	gctaccattc	1800
catggacttg	cctcccagag	cagcacaatg	cccgctcgag	ccccacgtgg	caggagcctc	1860
tgggacgggg	cacacacagg	cccagcctct	gtgctgtctc	ctcctctgtg	cgcctcagac	1920
tcgggggtgag	ggaggcgggc	agcctctcgc	cagccttccc	gtccttcagt	tcaacgacat	1980
ctttggagtg	ttttgtttt	ctcttccaag	ggcgcgtccc	ttgtgttagg	aagggtgagt	2040
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ctgtgcatcc	tttgattact	ctcatgctgc	atttactgtt	tacatttggt	ttattgtaca	2160
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tttattcaga	acgcatacgg	catgttaatg	actctgatgg	tgctctctc	tgggcagctg	2280
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aacaataaat	ttcacagaaa	aaaaaaaaaa	ggggggggccg	ttttaaggga	tccttggggg	2400
ggcccaagtt	taccgcgggt	tgcaaggtaa	tagctttttc	cttataggga	g	2451

<210> 3241

<211> 1124

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (360)...(926)

<223> similar to gi5478530 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3241

gtccggagtt	cccgggtcga	cagtctccca	gaacaattcc	caggagctcg	gattccaaga	60
gccgcccttg	ccctcgttta	ccttcgctag	tcgccctgca	gccccgccct	gtccggaggc	120
cccgccctcc	atgaatcagc	tgatcccgcg	gaccactggg	gttgccaagc	tcgcgcggga	180
tgccggagcg	ggtgctgccg	gtggagcttc	aggtcttgat	agactttctg	taaagaaggga	240
atgatttggt	gatggagtg	tcccactgac	cgatggactc	aaagaagaga	agctcaacag	300
aggcagaagg	atccaaggaa	agaggcctgg	tccatatctg	gcaggcagga	tcctttccca	360
taacaccaga	gagattgcc	ggctggggag	gaaagactgt	tttgaggca	gccctcgag	420
tgaaacatgg	agttcttctg	actgaagatg	gtgaggtcta	cagctttggg	actcttcct	480
ggagaagtgg	accagtggag	atttgtccaa	gtagccccat	tctagaaaat	gccctgggtg	540
ggcaatatgt	tattactgtg	gcaacaggaa	gcttccatag	tggagcagtg	acagacaatg	600
gtgtcgcgta	catgtgggga	gagaattctg	ctggccagtg	tgcahtagcc	aaccgcagtg	660

atgtgccgga	accaaatacct	gtccgcattg	ctgattctga	agccagccct	ttgttagcag	720
tcaggatttt	acaaatggcg	tgtggcgagg	agcacactct	ggcattgtca	ataagcaaag	780
agatttgggc	atggcgtaac	ggctgtcaat	tgggtctcat	taccactgcc	tttccaggga	840
caaagccaca	aattgttgaa	catcttgctt	ggcgagaggg	gctctcaact	gcctgtgggg	900
cttccacaat	taggccttgt	tcaatgcctc	ccttccaggt	attgaagcag	tcccaaaacc	960
atgcaacaat	gcactcccct	ttgagtacta	ttactgacaa	aatcacctg	gaatttttgg	1020
accgcgttgg	tggcccttag	ggggacactg	acaaaccttt	ggagaaagac	atgcggcctt	1080
gtcttagccc	ctcactggaa	ccctcacggc	agaaaaaat	tgct		1124

<210> 3242

<211> 1173

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1174)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (50)...(1023)

<223> similar to gi915208 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3242

tttcgtgggc	tctggactct	gtatctggaa	ctgggtggcgt	cggcccaggt	cggcggggaac	60
cccctgaacc	ggaggtacgg	cagctggaga	gaactggcca	aggctctggc	cagcagggaac	120
attccagctg	tggatccaca	cctccagttc	taccatcccc	agaggctgag	cctcgaggac	180
cacgacattg	accaaggggt	gagcagtaac	agcagctact	tgaagtggaa	caagcctgtc	240
ccctggctct	cagagttccg	gggccgtgcc	aacctgcatg	tgtttgaaga	ctggtgtggc	300
agctctatcc	agcagctcag	gaggaacctg	catttcccac	tgtaccccca	tattcgca	360
accctgagga	agcttgctgt	gtcccccaaa	tggaccaact	atggcctccg	catctttggc	420
tacctgcacc	cctttactga	tgggaaaatc	cagtttgcca	ttgctgcaga	tgacaacgcg	480
gagttctggc	tgagcctcga	tgaccaggtc	tcaggcctcc	agctgctggc	cagtgtgggc	540
aagactggaa	aggagtggac	cgccccggga	gagtttggga	aatttcggag	ccaaatttcc	600
aagccggtga	gcctgtcagc	ctcccacagg	tactacttcg	aggtgctgca	caagcagaat	660
gaggagggca	ccgaccacgt	ggaagttgca	tggcgacgga	acgaccctgg	agccaagttc	720
accatcattg	actccctctc	cctgtccctc	ttcacaatg	agacgttcc	acagatggat	780
gaggtgggcc	acatcccaca	gacagcagcc	agccacgtgg	actcctccaa	cgctcttccc	840
agggatgagc	agccgcccgc	tgacatgctt	cggcctgacc	cccgggacac	cctctatcga	900
gtgcctctga	tccccaaagtc	gcatctccgc	cacgtcctgc	ctgactgtcc	ctacaaaccc	960
agctatctgg	tggatgggct	tctctgcag	cgtaccagg	gactccggtt	tgttcatctg	1020
tcttttgttt	accccaatga	ctataccgc	ctgagccaca	tgggagaccc	acaataaatg	1080
tttctaccag	ggaaaacgcc	tacttaccaa	gaccggtgag	agacactgag	tnggggcagg	1140
gaaggtgacc	ttgcagaggg	tctgcgggac	cat			1173



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<210> 3243
<211> 1308
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1305)...(947)
<223> similar to gi2707600 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3243
gtcgacgatt tcgtgtgctg tcaactcatgg gctggatcct cagccctcc tgccctggca      60
gcttgctgcc cgccatccct ccatcaaaat caaagctctg atgcatacct ccgtgggact      120
gcaggtctct gtagccaatg ggggtgctga gctgggtggag gtttccctcc atctcctggt      180
actgctgggc agagagcagg ctgcgaactg actctgcgct ccggaactgc atggacgagt      240
taagagtgcc catgttgctc agcttctcag acacattcat tccagagtct ttgctgaggt      300
caggcatgga aaatcgggat aggtgtcctt ggcgcttggc accaccatca gcagagaggc      360
ctgttgcttc agacagggcc agggattcca tggagccccg aggggtctgc tctgtgggctg      420
tcatgtcctc tgtgtatttc agggaaactga tgggatgacg ggcccgacac tgctgagtgg      480
acaagcccc ttctctcttc tcttctctcc atatttgggg acttggatgc tgccctgggt      540
ctcactgaaa ctctgactag acatatcact gtagctctcc tgagatctca gcctccccgg      600
gtaatagtct tctcggcatt ccttgatgaa gctgccagca tgcctgtca tggccagtga      660
cgagctcctt ttgggggtgc tgaagtgtt gccccacatt tcgggctggg cccagcccc      720
ttgccctcct ggactgtagg aagttctgat gttgcaactg ctgaggagct gcagagggt      780
ctgggtctgg ttctgtctca tcttgctccc ataatggtag ggctcttccc ggctcctcca      840
gatggggtcc cgggttaggc tgggtgtctg gctggacagg ctgagcatgt ccatctgcag      900
tgacaggggg tctacgtcgg ctgacagccg gttagaactc acttgagct ggctgtgctg      960
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ctccttgccc ctggcattct ggaaggcgga atcagaggag tcagaacatc tggggtcttc     1080
cccagcactg caggccccgt gagcagaata tctggccctg cttcgggagg aatggccgcc     1140
ccaggaggga tttcttgtag tgagcacagc agaaacaggt ctcaagtggc tgccagtgtt     1200
ggccgtcata ggtcatttga ccttggtcga tacctatatg ttgggcacag gcgtcacaat     1260
attctgcata ccaggactcg aaacagtggc gacagtaggg gcttctct      1308

```

```

<210> 3244
<211> 1204
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1205)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(645)
<223> similar to gi643656 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

```

<400> 3244
cccccaactg gaaacgaaac ccttccctct tttgaaaggt tttccccctn atgaaaaaagg      60
tggtgcaaga ggatccctcc tacctcccaa gtccctggac tatgaccgct tcagccgcaa      120
cgaaccccat tgggaagggt gtccatcccc cttaacaagg tggacctgac ccagatgcag      180
accttctgga aggatctgaa gccatgcagc gatgggagtg ggagccgagg ggagctgctc      240
ttgtctctct gctacaaccc ctctgccaac tccatcatcg tgaacatcat caaagcccgg      300
aacctcaaag ccattgggaca tcggggggcac atcagacccc ttacgtgaag gtatggctga      360
ttgtacaaag gacaagcggg tgggagaaga agaagacggt gacgattgaa gaggaacctg      420
aaccocatgt ttcaatgagt ccttcgcctt cgatatcccc acggagaagc tgagggagac      480
gaccatcatc atcactgtca tggacaagga caagctcagc cgcaatgacg tcatcggcaa      540
gatctacctg tcctggaaga gcggggccagg ggaggtgaag cactggaagg acatgattgc      600
ccgtccccgg cagcccggtg cccagtggca ccagctgaag gcctgagtgg ggccaaggga      660
ggcccagggg gccgagggcc caggtcccca tcatgccctc accactttat gcacaacgcc      720
cggcctgagc cccctgccat agggagggga ggacctgag ggctcagcca gggagggggtc      780
ccaggactca actgggcccc gtttctagga agtaccagcc ccatacccca cagtccagct      840
ccggggaagg ggtctctggga ggcattttcc tgctttgccc cttttcttcc tgacttacta      900
atactaaaga agttggggga gtcgagagc cagacggcca gacaggcaga cccctccaga      960
ggcccgccca ggtgggcatg gtcccccat ttctttaagg cagcaccctg gagtggagag     1020
aggccactcc ctctccagcc cccgatgtgg acccgggggag gggaggctga ggcgtttggc     1080
ccgggcctgg ccaggagagg cccatcccca gggcagtttc aggtgccggc tggggccctga     1140
atgtcgagga taggcatata gcccgttgct gcggcatgga ggtggtgccg ttccacaatc     1200
ggtc                                           1204

```

<210> 3245

<211> 988

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (940)...(636)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3245
gtccgattct cgggagacac gcgtcggtat taacctaaaa gattctgtgt tttgtctata      60
ttgcaaaactc tttggggaag gaaaaaatca actgaaaaat gaaaatgggt gcaaagattg     120
gcaacattta tcacatattc ttagtaaaaca tgaagaaagt gaaatgcaca tcaacaatag     180
tgtaaagtac tcaaaattaa aatctgatct gaaaaaaaat aaagctattg atgctgcaga     240
acgcaattaa tatgaaaatg agaaaaatga tgggtgtgctg ttgttgtaca cgtaatatatc     300
ctgagttggt ttttggcatg atgatcagaa tcttacatta ctcagaaaac atctgtcctg     360
caatagtcag tactattgtg ttgtaagtct cctctacaga gtaacttgca gcagttcctt     420
agcaataagt atgatagcaa ataaatagca aagaatgttt ccattctaaa tctaaaacta     480
attagattca atcatcatta ggcaatgact tcattaggca atgaagatta acaataggta     540
attgttaatc ttcaaaatct atcaatttac acctatttaa aaattggcat ttaatgactg     600

```

ccatttgatg	ggtttggtta	atattctgtt	cttggccggg	cgcaatggct	cacgcctgta	660
atccaagaac	tttgggaggg	tcaggcgggt	agatcaattg	aggtcagaag	ttcaagacca	720
gcctggccaa	cgtggcaaaa	cctcgtcttt	actaaaaata	caaaaattag	ccagggtgtg	780
tggcacacac	ctgtagtccc	agctactcag	gaggctgagg	caggagaatc	gcttgaaccc	840
aggaggcaga	ggttgcagtg	agctgagatt	gcaccactgc	agtccagcct	gagcaacaga	900
gcgagagtca	gtctcaaaa	aaagaaaaat	attatgttct	aattaccttg	aaagaggaaa	960
gaaaggcttg	aattgatcaa	taccagtt				988

<210> 3246  
 <211> 1642  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1234)  
 <223> similar to gi4405795 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3246						
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ctttaggagc	aacgggtgta	tgcgcttcac	ctgaggcgct	acaatgacgc	gctgctcatc	120
catgacaccg	tccgcgcctg	ggatgccttg	gctgcgctgc	aggatttcta	tcacagggag	180
cacgtcacta	aaaccagat	cctgtgtgcc	gagcgcgggc	tgctggccct	gttcgatgac	240
cgcaagaatg	agctggccca	cttggcaact	catggcccag	agaatccaaa	actggagatg	300
ctggaaaaga	tcctgcaaag	gcagttcagt	agctctaaca	gccctcgggg	tatcatcttc	360
acccgcaccc	gccaaagcgc	acactccctc	ctgctctggc	tccagcagca	gcagggcctg	420
cagactgtgg	acatccgggc	ccagctactg	attggggctg	ggaacagcag	ccagagcacc	480
cacatgaccc	agagggacca	gcaagaagtg	atccggaagt	tccaagatgg	aaccctgaac	540
cttctggtgg	ccacgagtgt	ggcggaggag	gggctggaca	tcccacattg	caatgtggtg	600
gtgcgttatg	ggctcttgac	caatgaaatc	tccatggctc	aggccagggg	cgtgcccggg	660
ccgatcagag	tgtatacgcg	tttgtagcaa	ctgaaggtag	ccgggagctg	aagcgggagc	720
tgatcaacga	ggcgtctggg	acgctgatgg	agcaggcagt	ggctgctgtg	cagaaaatgg	780
accaggccga	gtaccaggcc	aagatccagg	atctgcagca	ggcagccttg	accaagcggg	840
cggcccaggc	agcccagcgg	gagaaccagc	ggcagcagtt	cccagtggag	cacgtgcagc	900
tactctgcat	caactgcatg	gtggctgtgg	gccatggcag	cgacctgcgg	aagggtggagg	960
gcaccaccca	tgtcaatgtg	aaccccaact	tctcgaacta	ctataatgtc	tccagggatc	1020
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ccaccagcca	cacaggagtc	ctgggcaccc	tggcttaggc	tcccgcgaatg	ggaaaacaac	1440
cggagggcca	gagcttagtc	cagacctacc	ttgtacgcac	atagacattt	tcatatgcac	1500
tggatggagt	tagggaaact	gaggcaaaag	aatttgccat	actgtactca	gaatcacgac	1560
attccttccc	taccaaggcc	acttctatct	tttgaggctc	ctcataaaaa	tcaatgaaaa	1620
aatgggatag	aaaaaaaaaa	aa				1642

<210> 3247  
 <211> 1789  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1784)...(1123).  
 <223> similar to gi1050797 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3247

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gtctatatag	tagtagtttt	gggggtatag	atagtaaaca	ctagtcaaga	atactcgtct	180
aaatatgttg	gtaaaatgta	gtcatcattt	ggcatgtgtt	ttgctttggt	atataatgaa	240
gttgagctat	cccattcttc	ttctctatgg	aatatagtca	cacaaacaaa	aaagatgaat	300
ctcactagag	gtgggtcttt	atcagaaata	tgccccaatc	tagttaggta	atagaaagaa	360
aatcattttc	tcctcctagg	cctaagattc	ttcatgtaaa	aattataaga	ctgaataaag	420
atcacttcta	agtttctata	attcatgtag	atatatcaat	ttatacatca	tgatgtagac	480
agacagcaag	gctatacttt	ctggctccat	gatgctaggc	ttggccacat	gacttgctta	540
aagcacgtat	gatacatgca	tcttttaaga	gaaaaccgaa	gtgtatttca	tctctttctc	600
tctctgctaa	aacaatcaca	atgtcccaaa	agagatccct	tccttcgcct	ttgatcatgg	660
taagaagatg	acacaaagca	gtgtcacagc	caatcaacag	ctgacatccc	ccaccaggaa	720
atacatcttt	gttggtgtca	ctacagcata	aactaatgaa	agctaattaa	atataagaat	780
ttgctaataa	ttgaggatcc	gtacacaatt	aaacttaaaa	ccaaaaaact	ctaatagaaa	840
actcataatt	taaaatgtga	cataagggga	aataagttaa	aaagcaactt	ttaaaaatta	900
caaaaatagt	atttgtagta	aaataaatgg	acttaaacad	gtaatagaat	tttccctgtg	960
atttctgact	tgaatctttg	aatgactatt	ccaagtaaga	ttcaacattt	ttacagaatt	1020
gttcttcac	attaagatat	tccaagatta	tatttccacc	attatataaa	ggacaatcct	1080
ccttagcaat	ccaggtttcc	aaagtatgat	ccaagggtaa	ggcttctcct	gaagtaatgt	1140
gacacagcct	taatttctta	gctgtaaatt	tgttattgtc	atttttaagc	ctggctagag	1200
aagcggcaaa	gtctatggcc	tttccaatgc	tccatcggtg	gcaaaagaac	attgggttgc	1260
tcttctcttt	gctcccttta	ggtaagaaaa	cctgaaagta	aattctttct	gtctgtggta	1320
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ttctgtgttc	aaggcaaaat	attcctgaac	aatcatcaca	cacaaatgga	agaaaatctc	1740
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<210> 3248  
 <211> 2352  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1238)  
 <223> similar to gi36603 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3248

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gtgcaggagc	atcacccaga	gagcagggag	gacgtggttg	ttgttctgga	ggattttgcag	180
ctggatcttg	gagaaacagg	acaacaggtg	gaccagagcc	agccaaagaa	acaaaaaata	240
cttgtggagg	agatggcccc	tctgaaagga	gtacaggaac	agcaggttcg	gcatgagtgt	300
gaagttacaa	agcctgagaa	agagaagggg	gaggagacaa	ggattgagaa	tgggaagctt	360
attgtagtaa	cagactcttg	tggagagta	gagtcactctg	ggaaaatatc	tgaacccatg	420
gaggctcata	atgagggctc	taacttggaa	aggcatcagg	ccaagcccaa	agagaagatt	480
gagtataaat	gctcagaacg	tgagcagaga	ttcatccagc	acttggacct	gattgaacat	540
gcgagtacac	acacgggaaa	gaaactctgc	gagtcctgatg	tgtgtcagag	ttccagtctt	600
acaggacata	agaaagtcct	ctcttaggag	agaaaggtca	tccagtgttc	atggagtttt	660
ggggaaagcc	tttcagagga	gttcacacct	cgtcagacat	cagaaaatcc	atcttgggtga	720
gaagccttat	cagtgcattg	agtgtggcaa	agtcttttagc	cagaatgcag	gcctttttgga	780
acatctcaga	attcatactg	gagagaaacc	ttatctatgt	atccattgtg	gaaaaaat	840
taggcgcagc	tctcacctta	atcgacatca	gagaattcac	agtcaggagg	agccctgtga	900
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ccagaaagcc	ttccgactaa	actcacacct	tgctcagcat	gtaagaatcc	acaatgaaga	1140
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catcagagaa	ggcacattga	ctagcaaaca	gcactttagg	aaaagtcacc	gtagcccact	1320
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tcaaagttaa	acagcattct	tactgcagg	acatctcaga	gcatgtaaca	taactgcatg	1500
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gaatcaagtg	cccacagatt	tgcaggctta	agcagaacaa	gggaagattg	atatttttgg	1620
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taattttcgc	tgggtgaactt	cagaacttgc	cttcagggtt	agcttcatgt	aattttacca	1860
tttcccatcc	ccattcccca	ccacattatg	tcaagattca	agttataaat	taacgtttta	1920
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gggcgtccac	tccaaaacat	atcaccagag	tgacaacttc	agccctcagc	ctctgcaatc	2280
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acaaaaaaa	aa					2352

<210> 3249

<211> 5039  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(5040)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (5040)...(955)  
 <223> similar to gi3043708 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3249

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ctttaaaagg	gcccgcctt	ttttttttt	ttcactgtga	aatatttatt	tttgttttgt	180
agtattaagc	atgattaaac	cagtgcagaa	aaataccaag	tacattgggt	gaacgatgag	240
ctagctgttc	tagtatttgc	tttttgta	ccagttaaga	ccatcagcat	atacaacctc	300
atctctaact	caacaatgta	gctgcagggt	aacatgtgga	tacctgtgt	gctctactgg	360
cctccaaagg	cattcagggg	atcctcaaag	atgttgggcc	ccttgtgttc	aaatcttggg	420
tcaggtgcgg	cctgtgcaga	tcggctttt	ggtttnggt	ggtcttaagc	ctggatactc	480
agaggagaaa	gatgtcnatc	catatcatca	tcanaatata	gaactcatga	agtataatct	540
ctcaccttct	ttctctttcc	cctgcccagg	ccctaagtta	gggttcccat	ccatataaca	600
aagacttctg	gtcaggtggc	atttgctatc	tctgggattc	cctgcccattg	aaagccacaa	660
agagatttct	tcttttacac	accctgaagc	atattatggc	cccagcaagg	ctaactaaat	720
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caaaatatat	catccttggt	aagcctcaaa	aatatcggtg	tggtgtta	atgacatccg	1320
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gaaagagatc	atcatcactg	ctggcctcgc	ctagagcagg	aaacatgggg	ctctttgctt	1500
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acttctttct	gctctcgtgt	cttctcctgc	tctgtttttt	ctgcctcagc	cttgagtact	4620
ggctcctcca	cttcttcata	atatacacga	ttctcaatga	actgggtatt	agagagcata	4680
aggaagtcat	tgaagacatt	atgcaggcga	caatctgttg	ctttgggttc	ccgaattagt	4740
ccgtccactt	gtttcttgat	ttcatgggtc	ctagagatag	tttgcgtgga	gaattcctgt	4800
agaaactgta	gtaggccgcg	gtcggccgcc	agcgaccagc	tctggctgct	cctgcggatc	4860
tctccatcg	accacggccg	ctcccacacg	ggctccgacg	ctggcgccag	ctcctggctg	4920
ggggtcgtcc	ggttcatcat	cctagccgcc	cggtcgggtg	ggctccgaag	ctgccagcac	4980
acgccgagga	ctgcagagcc	ccggaagcct	agccccagcc	aagctgccc	gggcgtgac	5039

<210> 3250

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(806)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (615)...(145)  
 <223> similar to gi555225 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3250

aacatgcctt	aactttgtat	gttttataac	tttccttact	aaaggtagat	ttttataact	60
ttcttaatat	ttcctttccc	ttcttctac	ttcatttctt	tccttagtct	ttctttttgc	120
atctttttct	gatttctgtc	tcttctagtc	tctctcttat	ttttttctat	ttctctttct	180
aatgtacaat	aattagatga	gtgttggtta	caatggatat	atgtacatat	cttagtttcc	240
aaaatttagg	gatgtgttta	acatctgttt	gccacaactg	attaggttcc	aatcctctag	300
ggttaacacc	tgtttaagga	ggaaacgtgc	ctgtcagctg	gtaatctggg	cattgttagga	360
taatttgttt	agccagtcct	tgggctagtt	gaaattgttt	agataagttt	ctccaatttt	420
ggtggaaaaa	ttgatgtgat	tgggtggcct	ggtcaagcag	tgatgtcata	acctgaaggt	480
ctgcttgatc	ttgccacaag	ccaatgggcc	aggcagagat	ctgtgggctc	aaacgtgtgt	540
aataaaaaata	ggatgtgtac	cttgggtccg	caattgctga	agttgaagaa	aaagaggcac	600
acagagtggg	ctccagagcg	aacttaaggc	tgtaaaagta	atttaataaa	taaacagaac	660
agcctcagct	ctccgaatgc	tagtaaattt	agatccagtg	attggattac	gtgggtctcca	720
ccagactgcc	gcttttccat	ctttaccgaa	ttccaccaca	cggctctaaaa	gacatcaatn	780
gnnnntnctn	atagtcttca	attcc				805

<210> 3251  
 <211> 1240  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1098)...(187)  
 <223> similar to gi3876090 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3251

tttttttttt	ttctaaagct	ttatttattt	tataaaatgc	atagaataaa	ttatactagt	60
aacattttta	aaattaacat	ctttgtattc	agcagtcctg	ggtcaggagg	caggaggagg	120
gtggtgggga	cgggatggct	cacttgggca	gctaaccctg	gtaggccact	tcctctctgt	180
cactgccatc	ggggaccgcg	tctgtcccaa	agtagcgggtc	gccaaagtgc	ccaatgcctg	240
ggatgatgcg	gaaaaagggtc	attgacccgc	ttgtccaccg	ccgtgggtgat	gattctcact	300
cgctggaaat	gcataggcca	cctgagtgc	cgcccatctc	tgccatgagc	agcgacagca	360
aaaagatctt	gtcctcaggc	acgtcgtggt	ccaggagcac	gcgcactgcc	atcatggccg	420
ccgcgcccgt	ggacacgggtg	cagtccatga	ggatcacgtg	gtcatcgctg	atgtccttgg	480
gcagcctcag	gtagtggagc	tgcgggcagc	aggggtcagg	ctgcaggtgg	ggctccctgc	540



gtcccccttgc	tgtgagctcc	ctctgcccc	tacccccggg	ctcatcacc	cggtgcccc	600
caggcacctc	gggctcccc	gtaagctggt	tgggtctggat	gaggatggtg	ccgatgcgca	660
cgtcttttgc	cacagcgcg	agcgcgggct	ccatggtttc	accggcgcg	agaatggaca	720
caccggtgat	ctgcggggag	gggaggctaa	gcgcccacat	cccggcccag	cagcctgtcc	780
cgcgcccagg	tgtgcccagg	caggtaacct	cttccccgca	tagcaattgc	ccgcatagtc	840
ctgcccctgc	ggggtctgta	cgacgcagtc	ctgaaagggc	aggaaggaga	gcgctgtctc	900
gatgagcagc	cgcctcagtc	tcttgagta	gaagatgaac	tcgtcgcgac	tgggtctcctt	960
gtccctgtgg	ggccaacagt	tgagcgggag	cacgcgcccc	gggcgcgccc	gtccccaggt	1020
gggcctcac	ctgatgatgg	tgtgcatgcc	ccgtacctgc	ggcgtgctct	tcaggacgct	1080
cagcgtccgg	ggcagcgggt	ggcactgggt	tgccgaggcc	agcgcagccc	tggggacaaa	1140
ccgatgggga	acactcaaga	agggggtctt	ttcccagagc	cctccctccc	cacaggacgg	1200
ctgtgcgtca	ctgtgagggg	aaccctcggc	caagctgggc			1240

<210> 3252

<211> 2047

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1541)

<223> similar to gi5689465 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3252

caagaagatg	aagaacaaac	cagcacccaa	cctcataggg	caccaagcaa	ggaagaagat	60
gatacagtta	actggtattc	cagtagtgaa	gaggaagaag	gaagcagtgt	caaatacaata	120
ctgaaaacat	tacagaaaca	aacagaaact	ttaaggaatc	agcaacaacc	ttccacagaa	180
ctcagcactc	ctactgatcc	aagacttgct	aaagagaaaa	gtaaaggaaa	ccaagtgggt	240
gaccctaggg	ttaggactat	cccaaggcaa	gacattagaa	agccttctga	gtctgccccca	300
ctggatctta	gacttgctgt	ggatcccagg	aaattgagag	ggaatggaag	tgggtcacata	360
ggctcttctg	ttggtggagc	aaagtgtgat	ttgcatcatg	caaagtctgg	cactaatgtc	420
aaacacaaaa	gaggcgatga	tgatgatgaa	gatacagaaa	gagaactgag	agaaaaagct	480
ttcttaatac	ctttggatgc	ctcacctggc	ataatgtctc	aggatccaag	gtcacaattg	540
agacagttca	gtcacattaa	aatggacatt	actctaacca	aacccaactt	tgcaaaacac	600
atcgtgtggg	ctcccgaaga	cttacttcca	gtacctttac	ctaaacctga	tccagtgtct	660
tcaatcaatt	tacctctgcc	cccacttata	gctgaccaga	ggctaaatag	attatggaat	720
acaaaaagtg	atcttcatca	aaacacagtg	tccattgatc	caaaattagc	agccaaagcc	780
aaaattaaca	caacaaacag	agaaggctac	ctagaacaat	ttggagactc	acacggttca	840
ggagctaaat	taggagatcc	tagactacaa	aaaaattttg	atcctaggct	tcacagactg	900
cccaatacag	agtctcatca	agtggttatg	aaggattcac	atgcatcaaa	gggtgccccct	960
cacttaccca	gatcaaacc	tggttcatca	cagccctcag	gggcaggaac	tagcaattct	1020
ggttccgggg	ctctgctctc	atatgccctc	aaactctctt	cctcagctgg	ccttccactg	1080
ggaacttcca	cttcagttct	tagtggtatt	agtttgtagt	accctaggga	tcacggttca	1140
tcacccacat	cagagctagc	aacagcttct	tcaggagaaa	actcaaagaa	ccagaaaaaa	1200
agtgggtggc	taaaaagtag	tgacaaaact	gaaccttctc	ctggagaagc	catccttcca	1260
caaaaaccca	gtccaaacgt	gggagtcact	cttgaggggc	cagctgacct	acaggcggac	1320
gttcccagga	gttctggtaa	ggttcaggtc	ccagcagtg	acagccttcc	tgttcaggca	1380
ttacagggt	taattaggcc	acagtacagt	gatccaaggc	aggcaaggca	gccaggacag	1440
gggagccccg	ccccagataa	tgatcccggg	agagaaacag	atgacaaatc	tctgaaagag	1500

gtttttaaaa	cttttgatcc	aactgcttca	ccattttgtt	agctattgtg	taactgagca	1560
attccttttca	ctcttgtagac	tatctcagtc	ctctgctgtt	ttgtaactgg	tttacctcta	1620
tagttttattt	atttttaaat	tataaacact	tttcagctgc	tagtatcaga	accacatgaa	1680
gttatagcct	ctaaagcctg	cggatattta	tataatattt	ttataacttt	aagagactgt	1740
agtaattgac	ctaaaaactt	atgttagctt	cagtaaaagt	actttttattg	taaataaaca	1800
atcatgaact	caacactctg	cctgaatata	tgccagttgt	ctttcataat	caatgttttag	1860
ataaatgatt	gccacttttt	atatggttgt	ttagtttcaa	gcaatatgat	gtacattact	1920
tttgagaaac	agtattttga	ctaggacctc	tcttatttgt	cagcacagaa	ctgattaata	1980
tgtaatgcta	cctgctaatt	aaaatgtaaa	atcaagtaaa	gaaaacattt	taaaattaaa	2040
aaaaaaa						2047

<210> 3253

<211> 1707

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (670)...(417)

<223> similar to gil872200 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3253						
cggacgcgtg	gggaagaggt	cccatttctg	agccacagaa	acaggccaca	tccagtaggg	60
gtcctggaag	gctgtgagaa	cccagaggag	accctgaccc	agcctgcagg	tagaagactg	120
cctttggagg	cagctttgaa	agatgactct	tccagatgga	agaatcagga	agggccttcc	180
cacgtggagg	caccagcagg	agcaaactgc	cctgggtgtg	tcaggcaaag	agccacagga	240
gagtgacctc	gtggagtggg	aagagattgt	ttcccatctc	cttgccaggg	attggttgag	300
gaatggacaa	ggcttgcaat	tcacgcaagc	cagtgaatg	cgaggggaag	tcttgggagt	360
gggtggagg	aggtcatctg	ggaaggggtg	ccttgggtct	aaaaagaggc	acaagaggcc	420
gggcgcgggt	gctcttgcc	attatcctag	cactttggga	ggccaaggca	gggggatcac	480
ttgaggtcag	gagttcgaga	ccagcctggc	caacatgggt	aaaccccgct	tctactaaaa	540
atacaaaaaa	ttagccagac	gtggtgccaa	gcacctgtaa	tcccagctac	tcaggaggct	600
gaggcaggag	aatcacttga	accaggagg	cagaagttgc	agtgaagcaa	gatcgcgcca	660
ctgcactcca	gcctgtgtga	caagggcgaa	actccatctc	aaaaaaaaag	ggggagggtg	720
gcgcaaggag	aggacacctc	tctcctggcc	ctgtcgccat	cttccctcat	caatagctaa	780
aaatggcaaa	gaagaaaag	ccaggacccc	gtgccatcaa	atcctccggc	cttgtgctgc	840
cctgtctcgg	cactgcttgc	cttaggagat	caggagtgtt	cctagccact	gggagatggg	900
atgcttgcca	ctggcagctc	tgccgtccat	cctcaccatc	ccaccgtccc	cccaagacag	960
ctctccatcc	catcctctgc	ctcccttcta	gcctcaacct	aactcagggc	tccccgtct	1020
cacacctggg	ttgcaggaac	atcctcttca	ccaaccccc	tccatccct	cctcagggtc	1080
gcctagggca	gctacaaaaa	ccaggccagc	ctctgaaagg	tgctccacat	ctcattaaaa	1140
accgtgaaat	cgcactgccc	cactatcaga	atagctcaga	ggagaagggt	tgccagtacc	1200
aagtgtggt	ggggatacgg	agaagagcag	ctcccaggcg	ctgctggtgc	aaatgtgctt	1260
tggtgcaccc	acggcaggaa	actgaccagc	ttctcatcaa	gttaaatacg	catctaccct	1320
atggcctagc	atttccactc	ttgcttacac	atccaggaga	aatgagtcct	tacatgcaca	1380
aaaggatgag	taccgtaata	ctcacatcag	caaataaaca	atacagctgt	gtgtcagtag	1440
tagaatgaat	aaattgtggt	cgattcatac	gttagaatac	agcaatttaa	aaacaactgc	1500
tacacacaaa	aatgttggtg	aatctttcag	acacaatgtt	gagcaaaaat	agccacagaa	1560
gagtgtgaagg	ctgtacgatt	ttatttaggt	gaggttcaag	aacagacaaa	acacggtgat	1620

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agtggtcaga agagcgggta cctctgagct gagggcattg accagcagtg ggcaaaagg 1680
aacattctga tcccagaaat gttctat 1707

```

```

<210> 3254
<211> 1380
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1370)...(9)
<223> similar to gill196429 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3254
ggaatttatt ggctaattgct accgtaaaag gtggtcggac acaattttga ttcttaaagg 60
tctgttaga aagaaaagag agaacatatt tatatttacc tccctcccct ttatacttat 120
tatatttacc ctcccaaatt gtgattgaac tttgagccat agctaatttc cataatcctg 180
aatgttctctg tctatggca ggagatatca tttttggaat aggggtgata atgccaccag 240
ggctccatat aataggaaca tcagcttcctg tctgaatgta ccgtgtatgg ttctctttcc 300
aatgagtcca tcagcttatt ttataagaag gcccttcagt gcaatttttc ttaaaaatcc 360
ccttagggga ccagtcaatg acgattccat aggaattatt ttgtagcacc ccagccttac 420
ttgctacaca atttcccaa tgccaagcgt ccacaccttc aaaccaaact ctattttggt 480
tacattcgag tttgtctggt cagaactgct gagtttcagg gctggaatgg ttatatttta 540
aactttgccc tgaaatcata tataaagtag cctgtgattt attttttcca gggattactg 600
ccaaccatac ttgtgtgcca atttgtaagc atccagcagc aggtcctagg catattggag 660
gatatttata tctattgat atattcattt tcatcccttc ctcattagga tgcatcggca 720
ctctgttata tatgggctca ggcacgagg ttctgtcatt gttgtacacc tcaataatag 780
ggcccatcca actcacagac ctaattaaag gaggaatgg gacataagtc caataagtaa 840
aattttgagt tgcttttaca gtaggaggc ttaccgccac agtaagtacc accatcatag 900
ccaccattag gttactagtt gtttttgatt tgttctgtgc tctcagattg tctctgccca 960
tctgtgccag tttcctgatt tgcctccatg ttggagggtc tgctggtga gtattcttgg 1020
tcttttcctt tgtctctgag attttcattc atgccatcac tcgtataggg agttctggct 1080
cttcccagag tctctctctc ctgggtgtggc tcatgataga ccttcagatg tttggtgggc 1140
accacagag gcacctgatt gtcacttgga gagacagaag caaatcctct tcccctatgta 1200
attatttttc ctttttccca actctttgta tgtgcatccc tccactgtat atcttgtctg 1260
gcatttttat tttccttttg tctgttaag tgtgttcag ctgctgtcat gggctgatcc 1320
ttttgtaaaa ttacccctt taatgttgat aaagcgaggt gtagttgtgc tggaaaaaaa 1380

```

```

<210> 3255
<211> 1145
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (685)...(885)

<223> similar to gi4191265 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3255

acattgcggt	ggactttctct	tccttcgatg	ccatcactgt	aggtaagaag	gtcccactgg	60
tgctttgctt	ctttctctcc	ttccatatct	cttagtgtct	ccagagctgc	agtacaagtt	120
gggggggatg	actgtaaaag	ccagaaatcc	caagccacaa	gcacgctgca	ggtagcaacc	180
ccacacccag	caaaacaccg	cttcttcctg	cccactttcc	cctctgcgcc	aactgtacac	240
accataccct	atgcttgctc	atttgggaaa	ctggcttcca	ggacagcatc	tttctggaa	300
agacagcagg	aagctgatgg	tactcctca	actctctctt	gtctctgggc	agacaggcaa	360
cagcaactgt	acatttttaa	aggagccat	ttctgggagg	tggcagctga	tggcaacgtc	420
tcagagcccc	gtccactgca	ggaaagatgg	gtcgggctgc	cccccaacat	tgaggctgcg	480
gcagtgtcat	tgaatgatgg	agattttctac	ttcttcaaag	ggggtcgatg	ctggaggttc	540
cggggcccca	agccagtgtg	gggtctccca	cagctgtgcc	gggcaggggg	cctgccccgc	600
catcctgacg	ccgccctctt	cttccctcct	ctgcgcgcc	tcatcctctt	caaggggtgcc	660
cgctactacg	tgctggcccg	agggggactg	caagtggagc	cctactaccc	ccgaagtctg	720
caggactggg	gaggcatccc	tgaggaggtc	agcggcgccc	tgccgaggcc	cgatggctcc	780
atcatcttct	tccgagatga	ccgctactgg	cgcctcgacc	aggccaaact	gcaggcaacc	840
acctcggggc	gctggggccac	cgagctgccc	tggatgggct	gctggcatgc	caactcgggg	900
agcgccctgt	tctgaaggca	cctcctcacc	tcagaaactg	gtggtgctct	cagggcaaaa	960
tcatgttccc	cacccccggg	gcagaacccc	tcttagaagc	ctctgagtc	ctctgcagaa	1020
gaccgggcag	caaagcctcc	atctggaagt	ctgtctgcca	aagttccttg	aagaatgcag	1080
cattgtcttt	gtctgttccc	accacatgga	ggtaggggtg	ggatcaatct	taggaaaaag	1140
caaag						1145

<210> 3256

<211> 2096

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (30)...(1048)

<223> similar to gi487783 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3256

tagtccagcg	tggtggaatt	ccagaggtga	aacctcacgt	gtgtgaggag	tgtgggcatg	60
gatttatcca	gaagtcgtcg	ctcaaatcac	atcggagaac	acactcaggg	gagaagcctt	120
atgtgtgtgg	ggaatgtggg	cggggattta	gccggaggat	agtcctcaat	ggacactgga	180
ggacacacac	gggagagaag	ccttacacgt	gctttgagtg	tgggcgaaac	tttagcctca	240
agtccgctct	tagtgtacat	cagaggatac	actctgggga	gaagccttat	gcatgcacgg	300
agtgtgggca	aggctttatc	acgaaatcac	agctcatcag	acaccagagg	acacacacag	360
gagaaaagcc	ttatgtctgc	ggagagtgtg	ggcgaggctt	tatagctcag	tcaacctctc	420
actaccaccg	gagtacacac	tccaaggaaa	aaccttatgt	gtgcagccag	tgtgggcgag	480
gcttttgtga	taaatcaact	ctcctcgcac	acgagcagac	acattcaggg	gagaagcctt	540

atgtgtgtgg	ggaatgtggg	cggggatttg	gccggaagat	actcctcaac	agacactgga	600
ggacacacac	aggagagaaa	ccttacgcat	gcacgagtg	tgggcgaaac	tttagccaca	660
agtccactct	cagcttacat	cagaggatac	actcggggga	gaagccttat	gcatgcgtgg	720
agtgtgggca	aagcttttag	agaaagtcac	agctcatcat	acaccagaag	atacactcgg	780
ggaaaagctt	tagaggtgca	aggagtgagg	atgtgatttt	agcaacaagt	cagccatcag	840
ccacaccagc	ggaaatgctt	agggagaagc	cttgtttgta	aggtaatgtg	gacagagctg	900
tacgtggaca	tcattacttg	tcacgtgtca	gaggacacac	tcgggagaaa	ccttcatgga	960
gtgagagtaa	ggtgttggct	ggaagtggcc	ccttaagaga	tacttggagt	caaatactatc	1020
cactgtacgc	ccaccccact	cttgttctaa	gagctttggg	gacagtcttt	tgacccctta	1080
cattccttta	gatgtgaaga	tgacagagat	ctaacttctg	agagcagagg	tgtcaagtga	1140
cgggtccctt	ggaggaatgg	tctttgcac	tgactacttc	cttctgcaac	tgtgttcttc	1200
cattagcttc	catgacactc	tccgtcttta	tttttttcta	catctctagc	ctttgctgtt	1260
tcctctccta	ccccaccttt	agattttact	cagagttcag	tctccagccc	tacaatctga	1320
gggacacctt	taccaggtcc	ccttcctaac	cctccagtcc	caaataccaag	attccttaac	1380
cacactctaa	aagttcttca	gactcaggac	ttaaaccatag	ccacgccacc	ttggccttca	1440
atgacagga	tctagcaatg	ctgcatcatc	agccttccaa	taccaggttt	aagggtattt	1500
taaacacagc	tcctcttaaa	tcctccaatc	tcagtaccca	gtgttttagc	catgctcggg	1560
tggctaaatt	acatccagga	atgggtgccg	ggccttttagc	catttgtctc	tcctcacact	1620
ccagggccca	tatggcccag	gttctgacag	tttgcccttac	tccttgggcc	tggggctagc	1680
cctacctgat	accctgtgtc	aatgagtgtg	ccttggagag	ctatccactc	aggccccagt	1740
gcctctattt	gctaagggac	tctgccacag	aaaagaaggg	gagagatgtt	catgtaacct	1800
caaaatactt	aggcttggtt	ttgatgctag	agaggaaaaa	ggacttggag	agagagaagg	1860
aatggctggt	ccagaggctt	ttgtccactc	cctctcactg	gaagtgggtg	atctccaggg	1920
aatccccaag	gttagcctgc	ttaggggaag	ggctaggggt	acctggaatg	taggatctcc	1980
cccattgctg	gcctaccacc	ctaattgtgc	cgggaattgg	gggttcttgg	tcttgctgac	2040
ttcaagaatg	aagccgtgga	ccctcacggt	gagtgttaca	attcttaaaa	aaaaaa	2096

<210> 3257

<211> 1142

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6)...(1142)

<223> similar to gi5441615 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3257

attcacatct	tattcagcat	caaagaattc	acacatgaga	gtaagcacat	gaatgtaatg	60
aatgtggaaa	agctttcagt	caaacctcat	gccttattca	gcatcacaaa	atgcatagga	120
aagagaaatc	gtatgaatgt	aatgagtatg	agggcagttt	cagtcatagc	tcagatctta	180
tcctgcaaca	agaagtcctc	accagacaga	aagcctttga	ttgtgatgta	tgggaaaaga	240
actccagtca	gagagcacat	ctagttcaac	atcagagcat	tcataccaaa	gagaactcat	300
gaatgtaatg	aagatgggaa	gatattttatc	aaattcaggc	ttcattcagc	atctgagagt	360
tcacaccagg	gagaaatcat	gtatgtactg	catgtggtaa	agccttcagt	catagctcag	420
ccattgctca	gcatcagata	attcacacca	gagagaaacc	ctctgaatgt	gacgaatgaa	480
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catttggaga	attcacatgg	gaataaaaatt	ccattgctgc	aatgaatgtg	aaaaagccat	660

cagtcaaaga	aactaccttg	tttagtatca	aattcacgcc	atgcaaaaag	attataaatg	720
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agaatttata	cctaagagaa	cttatttggg	tgtagtaa	ggcagatcct	tcaataggag	840
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aaatctaggg	ttgacttggt	aaatgcagtg	acattttctc	atggagttcc	tttattttaat	1080
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aa						1142

<210> 3258

<211> 1199

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (21)...(545)

<223> similar to gill184790 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3258

ttcagtgtgg	cggaattccc	atcgtggagt	tccacatgac	gactgaggcc	caagccacca	60
tccgcatgga	caccagtgc	agtggcccca	cccgcctggt	cctcagtgc	tgtgccacca	120
gccatgggag	cctgcgcata	caactgctgc	ataagctctc	cttcctgggtg	aacgccttag	180
ctaagcaggt	catgaacctc	ctagtccat	ccctgcccaa	tctagtga	aaccagctgt	240
gtcccgtgat	cgaggcttcc	ttcaatggca	tgtatgcaga	cctcctgcag	ctggtgaagg	300
tgeccatttc	cctcagcatt	gaccgtctgg	agtttgacct	tctgtatcct	gccatcaagg	360
gtgacaccat	tcagctctac	ctgggggcca	agttgttgga	ctcacaggga	aaggtgacca	420
agtggttcaa	taactctgca	gcttcctga	caatgccac	cctggacaac	atcccgttca	480
gcctcatcgt	gagtcaggac	gtggtgaaag	ctgcagtggc	tgctgtgctc	tctccagaag	540
aattcatggt	cctgttgga	tctgtgcttc	ctgagagtgc	ccatcggctg	aagtcaagca	600
tcgggctgat	caatgaaaag	gctgcagata	agctgggata	taccagatc	gtgaagatcc	660
taactcagga	cactcccag	tttttttata	gaccaaggcc	atgccaaggt	ggcccaactg	720
atcgtgctgg	aagtgtttcc	ctccagtga	gccctccgcc	ctttgttcac	cctgggcata	780
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aacatcagct	ctgatcggat	ccagctgatg	aactctggga	ttggttggtt	ccaacctgat	900
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cctgtctccc	agtgaagact	tggatggcag	ccatcaggga	aggctgggtc	ccagctggga	1140
gtatgggtgt	gagctctata	gaccatccct	ctctgcaatc	aataaacact	tgctgaaa	1199

<210> 3259

<211> 3596

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3381)...(2440)

<223> similar to gi535518 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3259

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ggaagagtgt	caggcctctg	agcccaagct	aagccatcgt	atccccctgtg	acctgcacgt	180
acacatccag	atggccagtt	cctgccttaa	ctgatgacat	tatcttgtga	aatgccttct	240
cctggctcat	cctggctcag	aagctcccc	actgagcacc	ttgtgacccc	cactcctgcc	300
tgccagagaa	ccccctttt	tcctttacct	acccaactcc	tataaaacgg	ccccaccct	360
atgtcccttc	gctgactctc	ttttcggact	cagcccgct	gcaccaggt	gaaataaaca	420
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gagccctcgg	aactcttgcc	caaggctctc	tgactgactc	cttcttggtt	taacggctga	3540
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<210> 3260

<211> 2331

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2164)...(864)

<223> similar to gi4884550 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3260

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tcaggagtca	ggtagataga	tggctgctcc	acagtggacc	tggctcatggc	cctgggtttct	180
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gaggtggaaa	acgtgcttgc	tctacacaaa	gacaaatgga	tcttctattc	ccagaggacc	300
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gagtgtcaca	gacaatctga	aagtaataat	aggggctcac	tgtggctggc	agaactggta	420
ctgaaatggg	gactacaggg	gaagcagctt	ccagttttat	ggtggagagt	cagtcccgaa	480
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tggctatggt	gaatcagaag	ccattatctt	tttcccagag	gatgcacttc	catccctatt	600
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cagaacaagg	tcctttggta	tgagctagat	catccaggcc	tgtccctgca	gaacacacca	780
agactcatcc	ctgtactaca	gggtggcctc	tggctatggc	ctggcacagt	gaggacagag	840
gcggggctct	gagtcaacat	cacaggagg	tctcctggag	gatgcagggtg	gagctgctcc	900
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cattctctcg	cttctcagga	aacaggccag	tgtcgagggtg	gtcctggccg	tagctcctgc	1020
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ccccagcccc	caccacctc	ctacatccca	gcagaaaagc	atgacagcta	cggacacca	1260
aggagctcag	agggcaggag	cctttctccc	taggagtccc	cttagggccc	tcttggttaa	1320



cccctccggt	gcttcatctg	caccgcaatc	cccacaccct	taccaagtga	agtagactga	1380
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ggctggggga	aaaggacagg	agaggaaaaca	agaaggtgtg	agttaacaca	agcaatgggg	2220
taaagcaagg	ctccctgccc	agccaaacta	ccacctctgt	ctctctggaa	acaaaaggca	2280
tattacatca	cgccccagct	tcctcccacc	aagtctcac	tcctatgtga	c	2331

<210> 3261

<211> 1980

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (41)...(1414)

<223> similar to gi2811216 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3261

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ctccgggcct	gtgagttagg	aaatagagg	tccaagaacc	tttcccaaag	cccaggagct	180
gtgccccaa	ctctggttgc	ctggcggggc	ctgggaccga	aactcctcag	ctcctcaa	240
gagctgggta	ctcgtcatct	ccctccagca	cccctcttcc	ctcatgaaac	tcccccaact	300
cagagtcaac	agaccagcc	tccggtggca	ccacaggctc	cctcctccat	cctgctgcca	360
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gatcaagaca	gcgtgctgac	ccctgaggag	gtagccctgt	gcttggaa	cagtgggggt	540
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tatgggtaca	tcagcgtccc	aacagcctca	gagttcacgg	acatgggag	gactggagga	660
gggggtgggg	ccaagggggg	agtcttctg	tgccacctc	ggccctgcct	cacccccacc	720
cccagcgagg	gctccttagc	caatgggttg	ggctcagcct	ctgaggacaa	tgccgcagc	780
gccagagcca	gccttgtcag	ctcctccgat	ggctccttcc	tcgctgatgc	tcactttgcc	840
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tgcgtcttca	tagatgcctc	atcacctccc	tccccacggg	atgagatctt	cctgaccccc	960
aacctctccc	tgcccctgtg	ggagtggagg	ccagactggt	tggaagacat	ggaggtcagc	1020
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agcaaagctg	acctggagcc	ctcagggagc	aaaacatcat	ctccacctga	ctcctagcca	1380
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ctggagagat	ggcaagaatt	tcttgagtta	ggcagggatc	aggcattcat	tgacactcag	1920
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<210> 3262

<211> 1824

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1827)...(319)

<223> similar to gi854124 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3262	
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aacattgacc	aaaggaccca aacagacgag gcccggaag ggcagcccca ggggactggg 180
gtctctcctc	tcccagagcc cagagcagct gcattgtgga agccgggatg cccccagccc 240
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cctcaggcct	cacctctcct ggggggccag ctgggtgccc ctcccgctg gacacccggc 1440

tccgacgcat	ccggcggaat	gactgacgca	aggacttctt	gagggacttg	acgcgggaga	1500
gtggggcctc	caaggccagc	tggtctctgg	ggtgcagtgt	gcacttaaca	aagacctgcc	1560
gccgctgctg	gtggtcaaag	aggccaaagc	catggctggt	gccgaaggcc	acgagccgcc	1620
actcagagtg	cagggccaag	gaggtgacca	cagccggggg	ctgacactgc	accaacacga	1680
agggtgaaa	gccaggetca	aagcgcacgg	gccctgagcg	ggctgccagg	cgctcgtgcc	1740
ccttcacgcg	gtagccctct	tggtcaaaaa	gcaggtaagc	ctccacctgc	tccacagcca	1800
gctccgctgc	ctcgtcattc	agtt				1824

<210> 3263  
 <211> 1299  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (302)...(1272)  
 <223> similar to gi5917666 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3263	
ctgtggtgga	attcgtacct
cctctttaga	ctcagctcat
caacctctag	tggcccagct
cctctttagg	gaacttacag
ctgccttctg	ttggcctcta
gcctctccag	gacccaaaaca
gcggcctcca	gagggccgagc
gccaatggcc	tctctagccc
ttctcttcac	ggcctctgca
cctgcctcca	ggccgcctct
agctcctttc	tccgacttgt
cccacctcct	gccttccagt
caggccccaa	acttttctcaa
tccaaaggcc	agcttttgct
gcctcctgag	gccagctcc
cagggccttc	cagaccacgt
ctttcaagag	tctgcctca
tcttggtgcc	tggtcctgct
ccccttttat	aaagatccag
taacaacaac	ctgtttttgc
tccttcagtt	gacctctcca
ctcctgcctt	aataaatttg
ctgagtgtcc	tctaggatct
tttcaactgt	acatcttcaa
tctgacctac	agcagcctct
ttcttaattt	ttcttaattt
atcatccttt	caacagcctc
ggcccgggctc	ctgtctcctt
caatggcctc	tctctccagg
ctttcatcgg	tggcatctcc
ttcctcaatt	tgccatctcc
gcaggcctat	ctcaagcctt
ctcatgttta	cctcaccagg
ctgcctccca	tggatctctc
cttctccctt	tcacagcct
ccagctcctg	ttttatggca
tggcccaact	ctttcctcac
ctttctgcct	catgtcagcc
cctgctcctg	ccttacgttg
ctatgagccc	aaatcctgcc
gcctccttag	gccaaaaatt
agcaccctct	ttaggccag
tgttatgtg	

<210> 3264  
 <211> 2188  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (74)...(2141)

<223> similar to gil015321 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3264

gtacagtgcg	gtggaattcg	ctgaccatga	gccgctgggg	gttcatgtct	gggctctgaa	60
ccccttttagg	ctgggttcttc	gtcggatcct	gcgtcgagct	gtgcgtttct	tcattggagat	120
cttaaaggca	ccacctggct	tcctaggcag	cctgggtacct	gtagtgggtg	agacactggg	180
agatgcttat	ccagaactgc	aaaggaactc	agcccagatc	gccaacctgg	tgtagagga	240
cgaggcagcc	ttcctggcct	ccctggagcg	gggtaggcgg	atcattgac	ggactctgag	300
gacctgggg	ccttcagata	tggtccctgc	tgaagtggcc	tggtccttgt	cactgtgtgg	360
agacctggga	ctcccccttg	acatggtaga	gctgatgctg	gaggagaaag	gggtccagct	420
agactccgct	ggactggagc	gggtggccca	agaggaggcc	cagcaccggg	cacggcaggc	480
tgagccagtt	cagaagcagg	gattgtggct	tgatgtccat	gcgcttgggg	agctgcagcg	540
ccaaggagt	cccccaactg	acgacagccc	caagtacaac	tactccctgc	gacctcagcg	600
aagttatgag	ttcggcacct	gtgaggccca	ggtgttgcaa	ctgtatacag	aggacgggac	660
agcagtggcc	tccgtgggga	aaggccagcg	ctgtggcctc	ctcttgga	ggaccaactt	720
ctacgcagaa	caggggggccc	aggcttcaga	ccgtggctac	ctgggtgcggg	cagggcaaga	780
ggacgtgctg	ttcccagtag	cccgggcccc	ggtctgtgga	ggtttcatcc	tgcatgaggc	840
agtagcccct	gagtgcctgc	ggttagggga	ccaggtgcag	ctgcatgtgg	atgaggcctg	900
gcgtctaggc	tgcatggcga	agcatacggc	cacccacctg	ctgaactggg	cactgaggca	960
gacctgggc	cctggcacag	agcagcaggg	ctcccatctc	aatcctgagc	agctgcgctt	1020
ggatgtgacc	accagagccc	cattgacccc	agagcagctc	cgggcagtgg	agaacactgt	1080
gcaggaggcc	gtggggcagg	atgaggctgt	gtacatggag	gaggtgcccc	tggcgctcac	1140
tgcccaggtc	cctggcctgc	gctctctgga	tgaggtttac	ccagacctg	tgccgggtgg	1200
atcagtgggg	gtgcccgtg	cccattgcatt	ggaccagcc	tcccaagccg	cactgcagac	1260
ctctgtggag	ctatgctgtg	ggacgtgagt	cactcctttg	tgctgcctgg	cccaggggac	1320
ccggatcctt	gcccttccct	tggtcttttg	agccatcagc	ccttaatggg	agatgcacgc	1380
tggtcttctc	cttctctact	gtcatgcccc	gactttctgt	tcactccttc	ctccacagg	1440
cacctgttac	gtactggggc	tgtaggggac	ctgggttatca	tcggggaccg	ccagctttcc	1500
aagggcacta	cccgcctgct	ggccgtcact	ggggagcagg	cccagcaggc	ccgagagcta	1560
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ctctcagtgc	tggtgaaggt	ggtacggcag	ctgtgtgagc	aggccccag	cacgtctgtg	1920
ctcctactca	gccccagacc	catgggggaa	gtgctgtgtg	cctgtcaggt	ggcccagggt	1980
gccatgccc	ccttcacagc	agaggcctgg	gcactggcag	tgtgcagcca	catggggggc	2040
aaggcgtggg	gctcgcgagt	ggtggcccaa	ggcaccggaa	gcactactga	cctggaagct	2100
gccctcagta	tagcccaaac	ctatgccctc	agccagctct	gacctcaggtc	cgcccaggga	2160
cccacatgga	ctaaatgtaa	ttaaaagg				2188

<210> 3265

<211> 975

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (934)...(356)

<223> similar to gi1872200 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3265

gtggtggaat	tcaccgcacc	taaaatgcac	ttgcactatt	actcagcagc	agtaacatgg	60
taacacttaa	aatggtactc	ggggacctcc	aaagactaaa	ctgacaagcc	ttcaaggagc	120
ccaggggcta	gagtataatg	gtgcatctg	ggctcacccg	aacctccacc	acctgggttc	180
aagcaattct	gcctcgcccg	ctcgagtagc	tgggattaca	ggcatgtacc	accacacccg	240
gctaattttg	tatttttatt	agagacgggg	tttctccatg	ctggtcaggc	tggcctcagg	300
tgaccacact	gcctcgccct	cccaaagtgc	tgggattaca	ggcgtgagcc	acacctggcc	360
taaaaatcat	ttaatttttt	atgcttgctt	agttataagg	tcaaagagaa	tcaaatgact	420
gatgcagtca	gcacctaaca	acctctgtat	atgggaaggg	ggtaatgaga	acatactatt	480
tggaaataat	aacagcctaa	gagccaagtg	ctgaagttac	atttctgcct	accacagcta	540
aagctctcct	cactgtctcc	taccagtgcc	tcctttccat	caattaccag	tctcttgat	600
aaatgtatcc	attaccaggc	tcacagactg	ggagtgattt	ttctcctttg	gagctcgtcc	660
agaatccatc	agcctcacac	acatattttac	ctgcaaatca	ttggaaaagc	aaaaatgttt	720
aactgcatgt	ataagatggg	tgtcatttgc	ttgaataccc	ccttgaaaaa	tgttgattct	780
tgagcatcag	tgggacatag	aggtgtctga	agaaccattt	tacatgattt	cataaatagg	840
aggtctctgc	attaccatgt	ttgcttgcaa	agtggaaacc	ttttagatgt	gtaacttgaa	900
tgtatcaaga	tctcaagtgc	ttaatgataa	ggtgttgact	tgttaaatta	aaccatttgg	960
aatacaaaaa	aaaaa					975

<210> 3266

<211> 1334

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (25)...(878)

<223> similar to gi219867 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3266

ggacgggcat	tcctccacac	ggagttcctg	gtcagcctgg	tggccgctga	cttctcctcg	60
atcagcaacc	tgccctccg	cgtggactac	tacctcctcc	atgagacctg	gcgctttggg	120
gctgctgcct	gcaaagtcaa	cctcttcctg	ctgtccacca	accgcacggg	cagcgttgct	180
ttctccacag	ccatcgcact	caaccgctac	ctgaagggtg	tgcagcccca	ccacgtgctg	240
agcctgtctt	ccgtgggggc	agctgcccgg	gtggccgggg	gactctgggt	gggcatcctg	300
ctcctcaacg	ggcacctgct	cctgagcacc	ttctccggcc	cctcctgcct	cagctacagg	360
gtgggcacga	agccctcggc	ctcgctccgc	tggcaccagg	cactgtacct	gctggagtgc	420
ttcctgccac	tggcgctcat	cctctttgct	attgtgagca	ttgggctcac	catccggaac	480

cgtggtctgg	gcgggcaggc	aggcccgcag	agggccatgc	gtgtgctggc	catggtgggtg	540
gccgtctaca	ccatctgctt	cttgcccagc	atcatctttg	gcatggcttc	catggtgggt	600
ttctggctgt	ccgcctgccg	atccctggac	ctctgcacac	agctcttcca	tggtccctg	660
gccttcacct	acctcaacag	tgtcctggac	cccgtgctct	actgcttctc	tagccccaac	720
ttctccacc	agagccgggc	cttgctgggc	ctcacgcggg	gccggcaggg	cccagtgagc	780
gacgagagct	cctaccaacc	ctccaggcag	tggcgctacc	gggaggcctc	taggaaggcg	840
gaggccatag	ggaagctgaa	agtgcagggc	gaggtctctc	tggaaaagga	aggctcctcc	900
cagggtgag	ggccagctgc	agggtgcag	cgctgtgggg	gtaagggtg	ccgcgctctg	960
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accaggggcc	aggccaaagc	actggcagga	ctcaggtggg	tggcaggagg	agaaaccac	1080
ctaggcctct	cagtgtgtcc	aggatggcat	tcccagaatg	caggggagag	caggatgccg	1140
ggtggaggag	acaggcaagg	tgccgttggc	acaccagctc	agacaggggc	ctgcgcagct	1200
gcaggggaca	gacgccaatc	actgtcacag	cagagtcacc	ttagaaattg	gacagctgca	1260
tgttctgtgc	tctccagttt	gtcccttcca	atattaataa	acttcccttt	taaatatatt	1320
tatttgcaag	acca					1334

<210> 3267

<211> 3262

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3236)...(2843)

<223> similar to gi3219569 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3267

ttttatgctt	tttgttcttg	attttatttt	acataattgc	atgtataaac	tttctgatgg	60
attgattttt	cctttctgtc	ccgattatct	agcctctgat	gtgctcaaga	gctggatctg	120
ctgacttatc	aaaaaagtga	catttggcca	ggcacggtgg	ctcagcctca	cctaattggt	180
tcttagcaaa	cttcagtaga	atgtttagaa	cgcgccctg	ataaacttga	gtgctggtag	240
gaggtgctac	ctcgctcaat	ctgtgagcaa	ccagccctgt	gccctggatg	cttggcgggt	300
ggagagaaa	acagtgttat	gtgggcaagc	ctccaactca	ccagttgcag	tagagcatct	360
ggctctctgt	ctgctgctat	agccctgtga	gtcagccaga	cgtgtggtec	ccaagccagc	420
ttcccacct	gcacccttgt	tctgctacag	ctccccacc	tgccctcttg	cattgcctag	480
gatcccacgc	cccgttttca	gtctgctctg	ggacatctgt	cttcttcttt	gcaggggact	540
aagtatatga	cttaatgaat	cctaaaagga	aaaaaagatg	tcaggaaaaa	aaagtgcaca	600
caagaaatgt	tgcaacatct	catccttagc	aactttgttt	ggttagtact	gcataactca	660
cagcagattc	caaggcacct	gccttgaaca	ttgctacatg	ctctaggcat	tatcaggaac	720
gcagccaggg	tgccctgcaa	gttgtctcca	gtttctgggt	aagaggacca	tcattccatat	780
tgtctgtggc	tttgtgtctg	agttgggcta	ctgagcctgt	gacttcagac	cccttgcctg	840
cctgatggat	acattctgta	taatacgtta	ccatcacaat	ttcatgaatg	taactaatga	900
agatctagcc	cttccgtgcc	gcctgctgaa	ctatgtcacc	tgtggataat	aaaacctcta	960
cacataggca	ttttatacaa	aggcaagtca	aacagcaatg	gtagtggcaa	gtgatgtatt	1020
tggcttaaag	aagcttgtgt	tactgaagtt	aacgcagaag	tctggcctcc	gtttgtggga	1080
ttattaaata	tatatcttac	gggatcagag	tcatctatta	gaaacagtga	tagccctggg	1140
tataaataaa	catttcttta	gagtttggcg	tcagtttttc	aatgtccatc	ctcaaatacag	1200
acagtctgtt	tgaggggtca	gttttcaggg	tgcactctgca	ccgagaggct	tgaggcagca	1260
atgacccttg	ggctgcagtt	cggttgcagg	cgctgggtggc	gggcagtcca	ggttggaggg	1320

tggagatggg	ccaaggtcac	agatgctgca	gggcttccctg	tccttgctct	gtgtaaccgt	1380
catcgcggtg	ggtgtttgcc	cactgtccaa	aggactcctg	gatgtgcacg	tttctctgtg	1440
tgttgccag	gcgtttctta	tctcgggaga	agaagctaaa	cagtcgcttg	atgcccgact	1500
ccggctgggg	ggacgtccctc	gggtgggcga	tgggtggggg	ttgggggtatt	cggttttct	1560
cttccatttc	ttcactctta	tagtaagcca	gctcctcctg	cagcaagaac	accttggaact	1620
tgagctcggt	cctctcgtgc	agcacgtccc	gcagctcctg	caggggtgaac	cgggggcggt	1680
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gctccgtctc	aggctcctcc	tccccattct	ggctgtgctc	ccctgcagc	ctctctcgca	1800
acttccccag	ctctgctcgc	aggctgcccc	tctcctgctc	cttgggtctgc	aggctcgct	1860
ccagctccac	cttctgttcg	atcagggctt	tccctgggc	ctccaccacc	gtgaccgggt	1920
gccgaaggtc	atggttgatc	ttcatcagcc	gtgtctgctg	ctgctgtaaa	gcctcaacgt	1980
cctcattttt	caggcccagc	tccctgtcct	tggcgcggt	ctcgctcgct	tgtttgtcca	2040
ccacctcctt	cagcttcttc	atcacctgtc	gctcccgtc	tgacatgcct	gtcatcccag	2100
ctacttagaa	gactgaggtg	ggagaatctt	ttgagcctgg	gaggttgagg	ctatggtgaa	2160
ctataattgc	gccactgcac	tccagcgttg	aagacagaga	cctcaaagaa	ctgaaaacat	2220
aggtccacac	aaaagcttga	gcacgatgtt	cacagcagca	cgattcaca	cagccaaaag	2280
gtggtgacgt	ctcacaggtc	catccataga	tgagtgggca	aacgacatgc	agtatggctt	2340
catgcttctg	gaactcctcc	tctgagaagt	tgacatcctt	gtgggagagg	ttggtcatga	2400
gctgcttggt	ctcctcctgc	agctgggcga	tctgggagag	gaggtcctgc	gcctcccctc	2460
gccacacatc	ctccaccagc	tccagctcct	caggctcctc	ctccccattc	tggctgtgct	2520
ccccctgcag	cctctctcgc	aacttcccca	gctctgctcg	caggtgcctc	atctcctgct	2580
ccttgggtctg	caggtctgcc	tccagctcca	ccttctgttc	gatcagggct	ttcccctagg	2640
cctccaccac	cgtgaccggg	tgccgaagg	catggttgat	cttcatcagc	cgtgtctgct	2700
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gcgcctcccc	tcgccacaca	tctccacca	gctccagctc	cttctggtgc	ttgcgtcctc	3000
tctcgatgcg	ttccatcctc	tccaggcgca	ggcggtccag	ctccaggcgc	agctcgtcca	3060
gctcgggcgc	gacgtgggtg	cggctgacca	gcacctccag	gatctccagg	acgcgcacga	3120
ccttgggcat	gaggcgcgcg	atggcctcgc	agcctgtctg	gtcaatgacc	cgtcgaact	3180
cgtggcccac	aagcgacgcg	atgtcgtaca	cgtccatgac	ggtcagctcg	gccacgttct	3240
tgtccagcgc	cggaattcca	cc				3262

<210> 3268

<211> 1610

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1568)...(248)

<223> similar to gi217730 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3268

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ggaatgcaga	acccaggggtg	ggcagagcag	agcagcactt	gctggcgata	ggcctcgagc	120
ctgtgtttct	gagtccttga	ggaccacgag	ctaacaggag	ctgggtctgta	ggttgctctc	180
cgtaagcagt	gatgcaatgg	acgagggatc	gtagacactg	tcgaattcct	catctgagct	240

cagcccttcg	tttttgagag	ctgactcagc	agctgagcgg	gaagctttgc	gccaggagtc	300
cttctccaga	gacttgatcc	gggcctggag	ctgttcattg	acctcatgct	gctcctccac	360
ctcacgtcgg	gccttcttcc	tcaggccgtc	cagtcgctca	atttccctctt	ctgcttcac	420
cacctgacgc	ttcaaagcct	tcaccctcag	gcttagctgg	tctttctggg	cattgacatg	480
ctgccgtcgc	tcttcaatct	ggatggatag	ttctttaact	ttccgctcca	gttttcgatt	540
ggtagactgc	agaactgtct	tctccctctc	ttcagcctgt	agccgctcct	gcaacaactg	600
attctgggac	tcaagctgag	agaggctggc	actaggcttc	tggaagcctt	ctgagctggc	660
caaccgggtc	ttcaggtcct	tggtctgtct	ctccaaggag	attttgtcac	actccaggtc	720
ctgccgagca	gacctttcct	gcatgagctc	tgctctcagc	tgatccacct	ggtcccggcc	780
acgattcacc	cgatctgtta	gcagctccac	gggtgtcttc	tctcatcta	actctgtttc	840
cagccgtgag	actttttcct	cgagaccctt	cagctgccgg	gccctgtcgt	cctgggaacg	900
cttcttgttc	tctgctcttt	gctccagccc	ctgcagtcgc	tgggccagta	gctctttgtc	960
cagccgggct	gtgtcccgct	cagcctggga	tgctgcagg	gcctgccgca	gcctctggat	1020
ctcatcctga	agtcggctca	gtcctccaga	ggctttctca	gcctcactgg	cccaatcctt	1080
ggcctggcgc	tgggcatctg	ccacctcccg	ccgggccttt	tccttataat	cctccagctg	1140
ggcctggagc	tgctgcaggg	cttgcttaga	gtcctccccg	atctttctcca	actccttggt	1200
cagtcggtcc	acagtcctgt	ccagcaaacg	cttctgctcc	tccagctcag	ccttgccctg	1260
ccggagcacc	tcccgtctgt	tcccttctct	ctccagggcc	cgggttcagt	tctgctgctc	1320
ctgccccagg	cgggccagcc	cccgtgagc	ctcctctagg	cgtgcctcca	gtgcccgtt	1380
ggctgctgcc	agactcccct	cctcttctct	ggacgcattc	agggcctcct	ccagctgctg	1440
tttctctgcc	tccagccgct	gcagcttgct	ccgtagtcgt	gcctccaccg	cttccccacc	1500
atccaccaga	cctcgagtct	ccttcagctg	ctgctccaaa	cccaggatgc	gccggcgga	1560
ttcgtcattt	tcctcctggg	tctccgaag	cgtcgtctcc	actgcggccc		1610

<210> 3269

<211> 2841

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1598)

<223> similar to gi306712 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3269

caacgtccca	tttgacctac	caagcccatt	ggacaacggg	tctcaaagg	gcacccagcc	60
ccacccgcca	cggatttcac	ccagttccat	tgctgccac	gagaccattt	cgcggctggg	120
gggcttctca	gcgggtcaag	tgccagtacc	tggatctcat	caaaaaggga	ccccagcaag	180
ctgttcaatg	aggagcgggt	gatcgacaag	accaaggtga	catatctgaa	gtggctgctt	240
gagtcggaga	gcctgttctt	ggcatcacac	gccagtggcc	acctgtacct	gtacaacgtc	300
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tgttttctca	gcgggtctgt	ccccttcgga	ggagatgatg	tagaggacct	gtgtgtgtac	2160
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cacctcctgg	gaaaaaaaaa	a				2841

<210> 3270

<211> 2443

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (323)...(1840)

<223> similar to gi3327222 in the genepept database release 114,

Run with FASTXY 3.3t00, default.parameters

<400> 3270

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cccaggtttg	tcattctcca	ggcatctcag	aaccagtatc	ctcttgagga	gcattcaagg	180

aaaaagtcca	gaaagtgcgc	tgtcagacca	cgtcactaag	agtttcatca	agctcttaga	240
gatcgctcct	gcagggccca	ctgctgtgct	tttctgaaac	atccatttat	taacagagcc	300
ccactatttt	aacatgttcc	aggccctagc	acaaaacaca	gatcttaaag	aacgcttacg	360
cagaatccat	gccgagtctc	tgtcctctga	ctcccccgct	gtcgccaagt	cgggtgacaa	420
tctggcagag	gaaaactcca	gagatggaaa	accgagctct	agttcatcag	ctttctaatg	480
aaagtaggac	tcttccatca	cttgactccc	tttctggagt	tttttttga	tgcttcaggg	540
aagttctgtt	atctccaagc	tcttcagaaa	acgagatttc	tgatgatgac	tcatatgtca	600
gtgacataag	tgataatctt	tccttagata	atctcagtaa	tgatttagat	aatgagagac	660
agaccttggg	gcctgtcctt	gatatgggtc	gggaagcgaa	gtcccggaga	agaacgtgcc	720
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ccagccccct	ggaaaggatg	gtatatgtgg	cagcctttgc	catatcagcg	tatgcatcta	960
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ctgcgtgtca	tgctgagtct	agaaattttg	ttttctggca	agatgtgaga	tggaaaaaca	1140
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ggcagagggtg	gattgagcac	tatggagaga	ttgtcatcaa	gaacctgcat	gatgattcct	1320
gctactgcaa	agtgaatttt	ataaaggcaa	aatactggag	cactaatgcc	catgagattg	1380
aaggcacagt	gtttgacagg	agtggaaaag	cggttcatcg	gctgtttggg	aatggcatg	1440
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cgaaaggcta	cgagcaatac	tatagcttca	cacagtttgc	gctggaatta	aatgaaatgg	1560
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aaaagatact	ctaggatgat	cacttgtgct	tatcttagca	ttgtaactct	ttaagtctat	1980
attttcctca	gtgcgtttct	ttacaatttc	aaatgttacc	ctgattgttt	atatgaatgt	2040
agaacacctt	gacatttttt	tttatatata	aactatttaa	taaaaatgaa	agattgaatg	2100
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ccaattaaat	ttatgcctta	taaaattatg	ttgtagaaaa	aaaatcaacc	tctcccaggt	2220
gcattaaaga	ataagaattc	ccagggttac	tcacccatgc	gtaagctacc	caagtttaat	2280
ttggtagctg	aaatatcttt	ttgcctcaga	cagctcttga	attgctcata	cagaacaatt	2340
ctgctggtgc	tggagtctga	agaatatttt	catttgcatt	ttagtggtta	gggagaggat	2400
ataagattaa	tggaatgtat	atttttatat	aagacgtata	cgg		2443

<210> 3271

<211> 3639

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(717)

<223> similar to gi3002527 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3271

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tcttggtttg	cctattttta	aatcagggtg	tttgttttct	tattattgtg	ttctctacac	180
tgtaggatat	tctacctttc	ctagaatttc	atgtaaattg	actcagacat	actgttgtgt	240
ctggcctctt	ttgttcagtg	taatgttttt	gagcttcac	cttgcatgtt	atgtgtatca	300
gtgattgatt	caatttttat	tgctgcatag	tattggattg	tatagctata	ccacaatttg	360
tttattcatt	ctcctgttga	tggaatattg	gttgtttcca	gtatttagct	attattattt	420
tatttttttt	ttttgagacg	gagctctcgt	ctgtcgccca	ggctggagtg	cagtggcggg	480
atctcggctc	actgcaagct	ccgcctcccg	ggttcacgcc	attctcctgc	ctcagcctcc	540
caagtagctg	ggactacagg	cgcccggcac	tacgcccggc	taattttttg	tatttttagt	600
agagacgggg	tttcaccgtt	ttagccggga	tggctctgat	ctcctgacct	cgtgatccgc	660
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gaagaaatat	taagttgtcc	ataatctgtt	atatctaact	attataaagt	ataaataaaa	780
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gaatggcgtg	aaccaggag	gtggagcttg	caatgagcgg	agatcgcgcc	actgcactcc	3540
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ggacaccaa	aaacactcct	catgccccaa	gtcataccc			3639

<210> 3272  
 <211> 1829  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1712)...(957)  
 <223> similar to gi6003574 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3272

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cttggtttttt	cctcaaaatc	catccctaag	agtcaggagc	tacaagttta	taggtacgca	180
tttgatatgaa	tatgcttgcc	atggattcta	aggacctagg	aacatctagg	aatacaggac	240
attacattttt	tattttgaaa	aaatatttaa	attaaattta	catgtacaat	ataatatcac	300
tttcagggaac	aaaaaaacat	taatggaaag	taggaatata	cttaaaacaa	aattattttt	360
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cagattttaga	aagtcaatcc	atactttcta	gcatcatcat	gaaaactcca	tgactgaccg	600
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cataagcagt	tcatttagat	gagttaaccc	tttggaagct	aaaatgaact	ctgaagataa	840
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cagggtctgtt	tctcctttta	gattagtctt	gtgaaaattc	atctttttta	ctacagaggg	1380
gcaattctcc	ttggaacatg	acaattctcc	ttctgacttc	tttttcaatt	tttttaatga	1440
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tttagtacca	ttcagcatta	gtaaggttct	ctgagagtca	aaacaaggcc	gctgtcctat	1560
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acttcctaag	tcatcagaca	tgtgtcgcc				1829

<210> 3273  
 <211> 672  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (4)...(646)  
 <223> similar to gi488555 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3273

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aagccctatg	agtgtaatca	gtgtggcaaa	gccttcaggg	acagctcctg	tctgaccaag	180
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caagcagaac	tctcacctgg	cagtacatca	gagactccat	agcagggagg	gtcccagccg	300
gtgtcctcag	tgtggaaaaa	tgttccaaaa	gagctcatcc	cttgttcgac	atcaaagagc	360
acacctggga	gagcaaccca	tggaaacata	atggttgggg	gccacatgag	tcttccagtt	420
cactctcact	cctgtgttta	ggaggcgtgt	cttagatctg	actcctctct	ggtcagtaga	480
aaagaatcct	ttaagctatc	cagtgaattg	atgaatgtga	gacattgctg	agccacactg	540
ttaagtctgc	tcattgggga	actccagaga	caacttaggc	atgagggcag	aaaagtcttt	600
ggggatgatt	cagtctgtac	cagacatgac	aacacacaca	ctggaatgaa	atgtgcaaac	660
atgggggtga	ct					672

<210> 3274  
 <211> 1605  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1597)...(227)  
 <223> similar to gi1575333 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3274

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tgatctactt	ttaccagatt	taacagatcc	ttgaatttac	tttactgtat	atacttcctt	180
cttgctcaca	ttgggaatca	aactaatgct	ggaaacatgc	atcttcagac	ttcattgagg	240
aattccagat	tgagacacgc	tgggatgtgg	attgagtcca	tgggttagaga	agatggatta	300
aatggaaaca	aaacaggaaa	catgtgcttg	gcacttaata	gcagttgctg	agggtcattc	360

cgctcttgta	gttggtgcctg	gattgttcgt	ataaaggcca	ctgttaccg	ttcttcaaat	420
tcattcagg	gagtataaag	gtttaaaatt	ttgacaatct	gctgggtgct	gagggaggta	480
cacagggagc	agatagcctc	tgcgtcctcc	tgggttttct	tctttaattg	caggagctgg	540
gctgcttgga	tcagagggtc	catggtctga	actgctccac	tctggtgaag	gtttcttccc	600
cgaagccact	cctcaagctg	acttatattg	tacctgagtt	gcatgcctgt	gctccaagag	660
cagacgtcct	tccgcaggag	caggtcatta	agagtcactg	cggtgatcat	gtagaagagc	720
tgtttgaata	cctgcaggat	gatctcagg	tccaagccct	ggtcacacat	gactgtatga	780
aaggcattca	tctggcggat	gatagcttcc	aggcggtatg	agttatcctc	atctgccatg	840
ctggaggagt	gcttctggga	gccagtgggc	ttcacaccag	atagaccctg	aatgctctaa	900
ttttccaaca	tggcagaaac	tatcatcggc	tgtaacacac	cctcggcaat	tttaatgagc	960
tgctggtaga	tctgaatgga	aaggtcacgt	caggcacctg	acgggtattcg	gtgagggtcaa	1020
aattcttaag	acagtgttca	attctgcttt	gcagtgttat	gagtcatgaa	gccctcatcc	1080
ccgctgtact	gcttcagaca	gtgaagaagg	cggcagggtg	tggataacca	gaatgacgtc	1140
atctcaaagt	catcattgtg	ctttttcagg	actttcttaa	tgccgttgat	ggtggaggtc	1200
agcagggagt	gcaccttgag	atcgtcgttg	gtgtagtccc	gcgtgccgga	tgcacatgta	1260
gaggatgtag	gcggggagac	agggcactgt	gcccgcacgc	atctggggct	tcaagtctgt	1320
caccagggtc	cggatgagga	gggcctcgtc	ctctttgtgg	tactccagca	tgccctggaa	1380
atccttctct	ttccgctgga	ccgtgacctg	cctgttgagc	tcatggcgct	tcctctcact	1440
ctggggccat	gcctgggcag	cttctaggtc	ctgggctttc	ttcatgtaaa	tcttcagttg	1500
ctttttgagc	ttcctctcat	tcttttccag	cttttctacc	agttctttaa	ggtccagatt	1560
ctcgttggtc	agccgggata	tttctgctg	aacgccgctc	gtgcc		1605

<210> 3275

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (675)...(226)

<223> similar to gi4164002 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3275

cccccttttt	tttttttttc	aaaagtgttc	tgtttaatac	gctttgtctg	gtagtgcttg	60
ggtgcctgtg	gttggtttct	ctcactggaa	ccagtctctg	gccccactcg	cctggcttcc	120
tccagtcgcc	ccaggtcctg	gggctgggtg	gtcagaagct	gcctttgtcc	tctccattca	180
tccatccttg	ggcctgtctg	gcctatgatg	ccctcattca	gctctcagg	tccagagggtg	240
actggtgtgg	atcctgctcg	ctgtgccaa	atggccctcc	agatgcggca	taccatccct	300
ccccgtggg	taatggactc	agtgtggctc	agccagaagg	tggccctgga	ctctatcttg	360
cacacactgt	ctgcccagtg	ccccctctgt	ccctagggga	cccagggtgcc	cctttgggtt	420
ccaggaagga	acctaggcag	gcctgcagtt	ggccaggatg	aggccatctg	catgggtcac	480
acttgggggg	cccaggatgt	acctgatgcg	ggtgtagatg	aggtcatctc	gagtggcata	540
ggtgagcaga	gtgtggagg	tgaagctatg	gttcaacagc	tggatgtgg	caaagaccgc	600
cagaaagagg	gaaataagaa	attacagaaa	gatgtgtcga	gaccaggtga	ctagctctgc	660
tctgttgcca	aaataatgag	gcagatcaca	cccttctggg	cctcagtttt	ctcatccata	720
caatgggacg	agaataactaa	gtgttcttct	ggtagtgaga	ttct		764

<210> 3276  
 <211> 2281  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (62)...(1054)  
 <223> similar to gi3877677 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3276

atggctgatc	gggggaggcc	gagaaccgca	gggactggcc	gagaaatctc	ctttacagac	60
aataggtgaa	gaacaaaccc	agaatcccta	cactgaactg	ctagtactga	aggctcatca	120
tgatattgta	cgatttctgg	tacagttaga	tgactacaga	tttgcactcg	ctgggtgatga	180
tggaattgta	gttgtgtgga	atgcccgagc	aggggaaaaa	cttttagaac	tgaatggaca	240
cactcaaaag	ataacagcta	ttattacatt	tccttccttg	gaatcttgtg	aagagaaaaa	300
tcaactcatc	ttgacagcct	ctgctgatag	aacagttatt	gtgtgggatg	gtgatactac	360
cagacaagtt	cagagaatat	catgcttcca	gtctactgta	aagtgtttaa	ctgtttcttca	420
gagactagat	gtttggtctt	ctgggtggga	tgacctgtgt	gtgtggaacc	gaaaattaga	480
tctcctgtgt	aagactagcc	acctttctga	tacaggtatt	aagtgccttt	ggttgaaata	540
ccctaagaac	ctgtgtttgt	gcagcagttg	gcaaagaact	gataattttc	aggttggtag	600
caccacaga	aggatcacta	gaatgggata	ttcttgaagt	taagcgcttc	cttgatcacc	660
aggataatat	tctctcattg	attaatgtca	atgatttgag	ttttgtcacc	ggctcccacg	720
tcgagagct	gatcatctgg	gatgccctgg	actggaccat	gcaggcctat	gaacgcaact	780
tctgggaccc	atctccacaa	ctggacaccc	aacaagaaat	aaaactctgt	caaaaatcaa	840
atgacatttc	tattcatcat	ttcacatgtg	atgaagagaa	tgtatttgct	gcagttggaa	900
ggggtttata	cgtgtatagc	cttcaaatga	agcgtgtgat	tgcttgccag	aaaactgcac	960
atgactccaa	tgctctgcac	attgccagac	ttccaaacag	gcagttaatc	tcagtctcag	1020
aagatggcag	tgtacgcatt	tgggagttaa	gagaaaaaca	gcagcttgca	gctgagcctg	1080
taccaacagg	tttttttaac	atgtggggat	ttggaagagt	cagcaaaca	gccagccaac	1140
ctgttaaaaa	gcagcaagaa	aatgctactt	catgttcaact	ggagcttatt	ggagatttga	1200
ttggacactc	atcatctgtg	gagatgtttc	tatactttga	agatcatgga	ctagtgcagt	1260
gctccgctga	tcactctcatt	attttgtgga	aaaatggaga	gcgagaatct	ggattgcgca	1320
gtttaagatt	atttcaaaaa	ttagaggaga	atggtgactt	ataccttgct	gtctagttta	1380
aggaattaaa	aatacacatg	catgaacctt	gaacatcaaa	tatcggttac	tactctgaaa	1440
accattaata	tattgatcac	ttaaattggt	aatttttttt	gtcagtcctat	aaaattctac	1500
atgtttaaat	tttttgtgga	cctaccaacc	aggaacatgt	tgcttctcag	gtcctagtat	1560
atcctccaaa	gaatatacca	caagtttttc	catttgactt	tgagctgctg	ttgaagtggg	1620
gagtgtgtgt	ttttgagctt	attttgaacc	tagatccttg	tgaaaggtag	aaatagaggt	1680
aatagtttaag	ttatggcatt	tattagaagt	tttattattt	ggcttccttt	agaattattg	1740
tgaagtttaa	aaatagcctt	tctcctgcaa	attttcctag	tctttagtaa	ctgttagtgt	1800
tctatatagc	acaaaacttga	atctctcagc	caaaaaaggg	aacatatata	ctgtttaagt	1860
atggcaagtt	ttcttttggt	ccaatttggt	tagataattt	taaaaatggt	ttttagttct	1920
agctactaaa	acctgtatga	actcaaatgg	ataggcatct	tgtgagggtg	tgtttttccc	1980
agtgtgaatt	ggcttgaaga	gccatgggct	aaatgggtac	tagaacaaca	actgcccttc	2040
atgtacgcca	aggatgagct	ctagatcatt	tgagaggcac	agtgtttccg	gagtcaggga	2100
ctggcagctg	agcgcaactg	ccccatctga	ccactgactc	aaatacgaac	tgcttgagac	2160
agacttcttt	tatgtagttc	tttgcaagtgt	ccattgagac	actataacca	gccttgtaac	2220
aatatgtttt	ctccttttgg	tgctaaaaaa	taaaaatatt	agaaagtagt	ctaaaaaaaa	2280
a						2281

<210> 3277  
 <211> 1206  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (16)...(879)  
 <223> similar to gi3005087 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3277

agtcaggagt	cttcagacag	tctagctgca	gagattgtta	cacctgaaat	cagggagaaa	60
cttattcgtc	ttcagcatga	gaataagatg	ttaaagctta	accaagaagg	ttcggacaat	120
gaaaaaatag	ccttattgca	gagccttcta	gatgatgcaa	atctacgcaa	gaatgaactg	180
gagacagaga	ataggtactt	gtgcccataa	atttccctct	tactacggct	tttgctgtat	240
cccatagatt	tcggctgggt	aatcaaagac	ttctggaagt	acagtcacaa	gttgaagaat	300
tacaaaaatc	tttacaggat	caaggctcaa	aagcagaaga	ttcagtcctt	ctaaaaaaga	360
agcttgaaga	acatctagag	aagctgcatg	aggccaataa	tgaactacag	aagaagagag	420
ccattattga	agatctcgag	ccaagattta	acaacagctc	cttaaaaatt	gaagaattac	480
aagaagcttt	acgaaagaaa	gaggaagaaa	tgaagcaa	ggaagaacga	tacaaaaaat	540
acttagagaa	agccaaaagt	gtcatccgta	ctttagatcc	taaacagaat	caaggagcag	600
caccagaaat	acaagctctt	aaaaatcagc	tccaggaacg	agaccgactg	ttccactcat	660
tagagaaaga	atatgagaaa	acaaagagtc	agagagagat	ggaagagaaa	tatattgtta	720
gtgcttggt	caatatggga	atgaccctgc	ataaaaaggc	agctgaagat	agactggcaa	780
gcacaggctc	agggcagtc	tttctggcga	ggcagaggca	agcgaccagc	agcagaagat	840
catacccagg	ccacgtgcag	ccggccacag	caaggtagag	aagttgtgcc	gctcaatcac	900
agacacctgc	acccacaaca	tacttctgtt	acacacaaga	acatttcagg	aaactcagcc	960
agcttatttt	ttgtttctct	tctatgtcaa	tacttagtgt	ttctcatttt	gaggactttt	1020
tctctctcct	gtatctttgt	tttagtttct	ttggttttta	ttttgtagtc	ctttcagtta	1080
tttttaaatgt	gccaaaaatt	tgtacatggt	caattaaaaa	tggtgtataa	tagtgtaata	1140
cttttctttg	tatgaaaatg	tcctcttctt	caaaggtata	ggctttgtaa	tgaattagat	1200
tttctg						1206

<210> 3278  
 <211> 1159  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1161)...(822)  
 <223> similar to gi3043572 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters



<400> 3278

ggaagccagc	tgggccagac	caggaaggag	cctgaggcac	agcaccaagg	catggggtag	60
ggtgggcttt	gaggcacggc	ctccccatgc	ccagacccag	gccc aaacag	gaggctcctg	120
tgcaccagca	agtgcagcaa	agctggctgc	agtgacaagg	aagtcagagg	gagggtggt	180
ttgcctcaac	cctcgccctg	gatgtggcaa	aagataccac	accgaaggaa	gctgtagggg	240
atctgggact	tagtcaggct	agctaagggc	actgagtgat	tacagggcaa	ggccacagag	300
cggcaggaag	ttgtaagtgc	aggggccagg	cacagtctga	gtggagagcc	atgatggcac	360
tcatccctgg	ctggctcctg	ggcccaggcc	cttgctcaga	atacagtgcc	caggcccggc	420
tgggcattgc	cttaattcct	gtctgaggct	gccttccgtc	atcctcctca	agctgactgc	480
tatcagcagg	agaagggaat	gcagaaccac	acccacccca	actccagtgt	ctccagaact	540
gagcagggac	cctccccatg	acggagacag	acaacccaat	ggcagggcct	gggggagttc	600
taacctcccg	agcccaagcc	tgacttccct	tccctctcca	gatactgagg	aaagtgggtt	660
ggaggtgggc	catgaggggtg	ggggacaggg	ggagggagag	ccatttccta	agaagagccc	720
aggttgtctc	agcccaggga	gactggtttc	aggagctggt	ccttcagaaa	ggacgatgga	780
aatggaagtc	acagcagggc	tggggaactg	gggactgggt	aggttggacc	catgggtgca	840
gcaccctcca	aactgggtgc	agagcctgca	gatgagtcct	gggaggagcg	gccctgcagg	900
aagcggatga	tcttctcaat	ggtggcctcc	tggtattcgt	gggaccacct	gtgggcacag	960
gagccaatgt	ggttcagaca	gctgggcaga	gggagctgct	agtcagctgt	tgcccacac	1020
tctgcctgtc	atggtgattt	gtaccctacc	cccctgggtc	cagggccctg	gggctcactt	1080
gataccgttg	aaagtaagca	cagcctgcat	gtcctcaggc	aggacctggg	gctcaggcca	1140
ctcgaagcca	tcaatgatg					1159

<210> 3279

<211> 622

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (15)...(251)

<223> similar to gil066818 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3279

caactgtctg	cctgcctggg	tgcctaaacc	agagctgtgg	ctccaactgc	tgccagccct	60
gctgccgccc	agcctgctgt	gagaccattt	gcttccagcc	cacctgtgtg	tacagctgct	120
gtcagccttt	ttgctgctga	tcaagtcccg	agagaaccac	catcctcaca	caacaacttt	180
ctgctcaact	gacttatctt	ttgggggact	aatttaattt	gctgctgaca	gccaccatgc	240
tctcacccaa	atttttatga	attctctaca	tgtttaaaat	cttgggaatc	tgcttgaggg	300
agggcagaat	acttcaccc	gattctcttt	tcccttacac	tttgtggatc	atgtgccagc	360
ttcgtgtgtt	ctcaattttg	agtcatggtc	tcagctttga	ctcaaaagtc	aagagcttca	420
ttctctgctt	ctaaggaatt	taggtttctg	caactgatca	ataatctttg	caatcttttt	480
tttggttttc	aatatcctcc	tcacgtttcc	ttggtatcct	tctttcttct	tttcatgata	540
aatttgtgtt	gtgtccctgg	gtagcagaaa	atccttacc	ataatgtttc	tgaataaact	600
ctgaaccatc	ctcatctcaa	aa				622

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<210> 3280
<211> 3258
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(2516)
<223> similar to gi5912060 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3280
ctttgaggtc ttgtggtctg attcttcaat aacatcagta accaaatctt cctctgaagt      60
gacggaattt atttcaaagc tatgtcagct ctatcctgaa gagaacttgg agaaactcat      120
tccttgctta gctggtcagg acgcatttta tgtggagcga aaccacgtgg atctggactc      180
aggcctgagg tacctggcct cattaccttc tcacgtgttg aaaaatgacc atgtcaggag      240
gtttctcagc acttctcttc cccacagca gcttcagagt ccaagtcttg gcaatccctc      300
cctttctaaa gtaggtaccg tgatgggcgt gtctggaagg cctgtgtgtg gagtggctgg      360
tatcccgctc tcgcagagcg gagcccagca ccacgggcag caccggcccg gctcagccgc      420
ccccttgcc cactgctccc atgcgggcag cgcgggctca gccctggcct accggacca      480
gatggacaca tcacctgcca tcctcatgcc ttccagtctg cagacccctc agaccagga      540
gcagaatggg attctagact ggcttaggaa actgcgtttg cacaagtatt acccgtctt      600
taagcagctc tccatggaga agtttttgag ccttactgaa gaagatctga ataaatttga      660
gtctcttacc atgggggcaa agaagaagct caagaccag ctggagctgg aaaaggagaa      720
gtcagagaga cgggtgcctga acccctcggc ccgcgcgtg gtcaccagca gtggtgtggc      780
tcgagtgcc cccaccagcc acgtcgggcc cgtgcagctg gggcggggca gccatgcagc      840
agagctgcgg gtggaagtgg agcagcccca tcaccagctg ccccggaag gcagtctctc      900
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cagcgtctgag gagaatgaca gacgtgtgga gattcacttg gagagctctg acaaggagaa     1020
gccggtgatg ctgctgaatc acttcacttc cagttccgcc agaccacgg cccaggttct     1080
ccctgtgcag aatgaggcca gctccaatcc atcaggccac caccctctgc cccgcagat     1140
gctgagcgca gcctcacaca tcacacccat ccgcatgctg aattccgtgc acaagccaga     1200
aagagggagc gcggacatga agctcctctc gtcttctgtg cactcacttt tgtctctaga     1260
agaaaggaat aaaggatctg gaccaagaag cagcatgaaa gtggacaaga gctttggcag     1320
cgccatgatg gacgtgctgc ccgcgtccgc accccaccag cctgtgcagg tctctctggt     1380
gcttccggag agcagctcca tgtcaccac agtctccttt ggtccccgga ccaaagtcgt     1440
gcatgcatcc acgctggaca ggggtgtgaa gacagcacag caaccggccc tggctgtgga     1500
gaccagcacg gctgccacgg ggacgcccag cacagtcctc cagccgccc gtccgcccct     1560
caaactgctg ctgtcgtcat ctgttcctgc tgattctgcc atttctgggc aaacttctgt     1620
tcctaataat gtgcaaataa gtgtgcccc tgcaataata aacccccgga ctgctctgta     1680
cacagccaac accaaagtgt ctttttctgc aatgagcagt atgccagtgg gccccctgca     1740
gggtggcttc tgtgcaaaca gcaacactgc ctctcccagc agccaccct ccacgtcctt     1800
tgccaacatg gccacagatg cccagctgcc cagccccag ctccagcccg gcgctgtcct     1860
ccgtccctga aagcagtttc tatagcagca gtggcggtgg cggctccaca ggaaacattc     1920
ctgcctcgaa tccgaaccac caccaccacc accaccatca gcagcccccg gcacccccgc     1980
agcccgcccc acccccgcca ggctgcattg tgtgcacgtc ctgtggctgc agcggcagct     2040
gcggctcgag tggcctgact gtcagctacg ccaactactt ccagcaccgg ttctccggtc     2100
cgtccgtgtt caccttcccc ttcttgccct tcagtcccat gtgcagcagc ggctacgtca     2160
gcgcccagca gtacggcggc ggctccacct tccccgtcgt gcacgcccct tacagcagca     2220
gcgggacccc agaccctgtc ctgagtgggc agtccacgtt tgccgtgcca cccatgcaga     2280
acttcatggc agggacggca ggggtgtacc agaccaagg actggtgggc agtagcaatg     2340
gttccagtc caaaaagagc gggaacctat cttgttacia ctgcggggcc actggtcacc     2400

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gcgcccagga	ctgcaaacag	ccgtccatgg	acttcaaccg	gccaggtact	tttaggttga	2460
aatacgcccc	tccagcagaa	agtctggact	ccacagattg	atatttttcc	tctggcaaac	2520
cagaacgtta	tttaagccat	ggagacataa	ggaaaattaa	atacaaaact	gagaaggtct	2580
agttgctgtt	gagcttaatc	tttttaatcc	aaaggtgctt	tacttttctt	agactggata	2640
gaaaatctag	ccgtagaaaag	tgcatacaaac	tcgattttatt	gccaaaaccc	tagattggag	2700
cttgggtgtc	agaactcgcc	tagtgggcat	ctctgtggct	ggtgagatcg	gccacctcca	2760
cttttggttg	cagtgcagag	acgccatgtc	tcccgaagag	cattgccatc	actggccctc	2820
ctaggctcac	acgtcaattc	cagggcagct	acacgtggtc	tgaatcgaga	accgagcttg	2880
gagttctcca	agtggagttc	cacccgccgg	actcctgaca	cccctgggct	agggaaaatg	2940
tcgactttgt	tttgttctgt	tcctaaagtg	attagcacta	atctctggga	tttttaagga	3000
ttgcaactaca	gaagaatgta	ccctgatgta	aatctctgcy	gttctgggag	ccaaactcct	3060
ctgagaacag	tcagtgcag	agactccaat	aatccatatt	gaaagagtca	gcaccagcag	3120
aggctactcg	acttaggacg	caacagaggt	tttagtattt	ccttccctcc	tccaagcact	3180
tgtagcagtt	tcaggttttt	aatttttttc	tgcaataaaa	tctaaactac	gttattaaat	3240
agaaatagtt	tactcgca					3258

<210> 3281

<211> 1300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1296)...(222)

<223> similar to gi4519623 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3281

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gattcccaca	agcagcagct	cccattgtct	gtagcacgtg	gcatccgacc	ctggagtga	180
gagtaagctg	gcacagagcc	ccgacgctgg	gattcagact	agatggcggt	tctgtggctg	240
ccattgtgtg	tcagcgcttt	cagactggag	gcactagtct	ggtgaccaca	gctcctgtga	300
gaagtcacac	ccacctcaaa	aacctcatga	atagcttttc	ggaaacagtg	gaagttgtag	360
tctattaaac	cttttctttc	aaagctttct	tcccttagaa	tgcagaccag	tgccaaaaat	420
ttagtcacct	cctttaaata	aaggacagtt	gtattattca	gcttgataat	tgccatagat	480
tctttgtcat	aagcacttcc	acttccatct	tcctttaacc	catatataca	agacacatca	540
attacaacat	cgatcatgtc	acagcaaagt	tcataagatt	gcatatccac	aggggaactg	600
tctgttgcaa	tgtagatttt	gctgacaaca	tcaaagagaa	aagctttttc	aatacctgaa	660
tttgatataa	agatatttaa	taggttttcc	aaggtcggca	gttgtggaat	gagtttctgc	720
accaccttac	taaaggcttc	aaatattgaa	tggtcataga	tactagtcag	ataaaagcta	780
agatggagtt	tttctagccc	agcatctgca	aggtcatcat	tggccctttg	atgaatgtcc	840
ctctgtgttt	ctattttgtg	atcatcgac	agaccatcaa	ctttgtgaat	aaaaacctca	900
aaattcatgt	ctgggttaac	tttgtaggct	ttagaaacag	taatgtgaag	tcttgttaaa	960
gcctccatgt	agtcactctg	tgcgtcaatg	acgtatatca	atgctcctgt	tcccctgaag	1020
atcatctcat	agtcaaaggt	tgggtcaaaa	aagtccattt	gccaggaaa	atcccatatc	1080
tggaaattca	caaaggagct	attggaaatg	tcactccttat	aaatcttgtt	ggtactttcc	1140
aaaaagaggg	tctcgttggg	tgacatctta	tgaacacca	ccttctggat	ggaggacttg	1200
ccgctgcgcc	ggagtcccat	gagcagaatc	ctcggcttgg	agctgtcagc	gccccccgga	1260
ccacagcctc	cgctgccccg	gacgcgtggg	tcgacccggg			1300

<210> 3282  
 <211> 3167  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(3168)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (3167)...(2950)  
 <223> similar to gi299471 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3282

ggaattcgcg	agcgcagggc	gcatgactgg	caggcagctc	cacctgcagc	cctgggtgccg	60
gatccactag	gtgaagccag	ctgggctcct	gagtcctggg	gggacgtgga	gagtccttat	120
atctagctca	gggattataa	acacaccaat	cagcacctcg	tgtctagctc	aaggtttgtg	180
agtgcaccaa	tgcacactgt	atctagctgc	tctgggtggg	ccttgagaga	cctttatgcc	240
tagctcaggg	attgtaaata	caccaatcag	cacctgtgtg	ttagctcaag	gtttgtgaat	300
gcaccaatcg	acactctgta	tctagctgcc	ctgatgggga	cgtggagAAC	ctttgtatct	360
agctcaggga	ttggaaacgc	accaatcagc	gccctgacga	aacaggccac	tcggctctac	420
caatcagcag	gatgtagggt	gggccagata	agagaataaa	agcgggctgc	ccgagccagc	480
attggcaacc	cgctcgggtc	cccttcacac	ctgtggaagc	tttgttcttt	cgctctttgc	540
aataaatctt	gctactgttc	actctttggg	tcacactgct	ttttatgagc	tataacactc	600
accgcaaagg	tctgcagctt	cactcctgaa	gccagcgaga	ccacaagccc	actgggagga	660
acgaacaact	ccaggcgcg	aatgaacaac	tccaggcgcg	ccgccttaag	agctgtaaca	720
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gaagaaactc	caaacacatc	tgaacattag	aaggaaacaa	ctccagatgc	gccaccttaa	840
gagctgtaac	actcaccgcg	agggctccacg	gcttcattct	tgaagtcagt	gagagaccaa	900
gaaccaccca	attccggaca	cattttggcg	accatgaagg	gactttcgcc	tattgccaag	960
cggtgagaca	atcgctgagc	agtgaagaca	tcacctattg	ccgagcggtg	agaccattgc	1020
ctatcgccaa	gcaaactcgag	gccatcaagc	tacagatggg	cttacaagt	gaaccccaaa	1080
tgagttcaac	taacaacttc	taccgaggac	ccctggactg	accagctggt	cctggcactt	1140
cccctggcct	agagagttcc	cctctgaagg	acactacaac	tgcaaagccc	cttcttcgcc	1200
cctatccagc	aggaagtagc	tagagcagtc	atcggccaaa	ttcccaacag	cagttggggg	1260
gtcctgttga	ttgaggggtg	acagcatgct	ggcagtcctc	acagccctca	ctcgctcgct	1320
cactctcggc	acctcctctg	cctgggctcc	cactttggca	gcacttgagg	agcccttcag	1380
ctctgtatct	agctactctg	atgggtcctt	ggagaacctt	tatgtctagc	tcagggattg	1440
taatacacca	tcagcaccct	gtgtctagct	caggtttgtg	aatgcaccaa	tggacactct	1500
gtatctagct	actctgggtg	ggccttggag	aaccttgtgt	caacactctg	tatctaacta	1560
acctgggtgg	gatgtggaga	accttgtgtc	tagctcaggg	atgtaaagc	accaatcagt	1620
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ctgcttttat	gagctgtaac	actcactgcg	aaggtctgca	gcttactctc	tgagccagtg	1860
aaacatgaa	cccaccagaa	ggaagaaacg	ctgaacacac	ctgaacatca	gaagaaacaa	1920

actccagacg	cgccacetta	agagctggaa	cacttacgcg	aaggggtccgt	ggcttcattc	1980
ttgaagtcag	tgagaccaag	aaccccccaa	ttccggatac	aatatcgaca	aaacatgcat	2040
ctttgatgtc	tgatagttac	agagagaaga	aattagttcc	tgtgggtttac	ccccattcta	2100
gcactccctc	cttcagtaa	ttcctggaag	gagggagtg	accaatcgac	actctgtatc	2160
tatctactct	gggtggggcct	tggagaacct	ttatgtctag	ctcagggatt	gtaaatgcac	2220
caattggcac	tctgtatcta	gctcaagggt	tgtaaacaca	ccaatcagca	ccctgtgtct	2280
agctcagggg	ttgtgaatgc	accaattgac	actctgtatc	tagctgctct	gggtggggcct	2340
tggagaacct	ttatgtcgac	actctgtatc	tagctaattc	ggaggggatg	tggagaaact	2400
ttgtgtctag	ctcagggatt	gtaaacgcac	caatcagcgc	cctgtcaaaa	caggccactc	2460
agctctacca	atcagcagga	tgtgggtggg	gccagataag	agaataaaaag	caggctgccc	2520
caaccagcat	tggcaacccc	gctcgggtcc	ccttgccacac	tgtggaagct	ttgttccttc	2580
gctctttgca	ataaatcttg	caactgctca	ctctttgggt	ccacgctgct	tttatgagct	2640
gtaacactca	ccgcgaagat	ctgcagcttc	actcctgagc	ccagcgagac	catgagccca	2700
ccggcaggaa	cgaacaactc	cagacacgct	gccttaagag	ctgtaacact	ccccgtgaag	2760
gtctgcagct	tactcctga	gccagcgaga	tcacgaaccc	accagaagga	agaaactccg	2820
aacacatccg	aacatcagaa	ggaacaaact	ccggaggcgc	caccttaaaa	gctgtagcac	2880
tactgcgag	gggtccgcgc	ttcattcttg	aagtcagtga	gaccaagaac	ccaccaattc	2940
cggacacaaa	accctgtctc	tactaaaaaa	tacaaaaaaa	ttagcgcggt	gggggtggccg	3000
gcgcctgtag	tccggctact	cangaggctg	aggcaggaga	atggcgggaa	cccgaggaggc	3060
ggagcttgca	gtgagccaag	atggcaccac	tgcactccag	cctggtggac	agagtgcacat	3120
tctgtctcan	aaaaaaaaag	aaaaaaaccc	attggttaaa	aaaaaaa		3167

<210> 3283

<211> 875

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(876)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (50)...(317)

<223> similar to gi4262296 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3283

ggcaccactg	cactcctacc	tggatgacag	agtgagaccc	tgtctccaaa	agaaaataaa	60
agtaaaagatt	caccaagagg	ctacctggct	acataatcgt	aatgactcta	ctgctcaaac	120
catctggggc	tccatcagtg	gatacctaca	aagtatgaca	tggtttttac	ctttcttcgg	180
accctaagtg	gtcattttaat	tgtattact	tttggcgat	tgtgttttta	accttttggt	240
gaaagtttgt	gtcttttcagg	tttcaatagc	tccaagtcaa	gctaattgatg	gcccagaagt	300
tccaacccat	aacatcccag	ggagcacccc	agtcctaca	gggtctttag	ggacagccag	360
tgaggagatt	tccccacccc	ccctaaaagt	tagggcaggg	gacggacatc	ccctgtttca	420
ggcagggaag	ttcggtttca	ggaagggtga	ggtctttcag	cccttttctc	cttaagaaat	480
agagggtgaa	atctcctcag	ggggaaatag	agataggaac	aggaaatggg	atgggggttg	540
cttctttcat	gattacttta	accaatgcct	tcttacttta	aagttctagg	aactggcctt	600
aggaaatcta	actatgaaac	caagggttatg	gagtatccca	cctcaggaag	gaacactgaa	660

caactgattg	acagtcttct	tgccgccagc	cagaccacca	agtggcccat	taaccaagag	720
aaccagcgca	accagatacg	ctgaccgcga	tctcctacct	ctcatgtgct	ttgcccagcc	780
cagcctgcat	accttactca	tgatgtcaat	tcccaagttt	cgctaataaa	aacatctctg	840
caagcctctt	cagggagccc	nccnnaaaaa	aaaaa			875

<210> 3284

<211> 2202

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (26)...(1707)

<223> similar to gi5441764 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3284

tcaaaatgaa	aattcagtg	acaagtggg	aaaaccttta	gtgattgata	aactcaagga	60
aatggccaaa	gtcgagggtc	tctggaactt	gtttttgcca	gctgtcagcg	gactcagcca	120
cgtggactat	gccttgattg	ctgaagaaac	aggaaaatgc	ttttttgctc	cagatgtctt	180
taactgccaa	gcaccagaca	cagggaaatat	ggagggttctg	cacctgtatg	gaagtgagga	240
acagaagaaa	cagtggcttg	agcctcttct	tcaagggaaac	attacctctt	gcttctgtat	300
gacagaacct	gatgtagctt	caagtgatgc	cacgaatatt	gaatgcagca	tccaacgaga	360
tgaagatagc	tatgtaatta	acggcaaaaa	atgggtggagc	agtggagctg	ggaatcccaa	420
gtgcaaaatt	gcaattgttt	tgggaagaac	tcaaaatact	tctctctcca	ggtaattaaa	480
caattctgat	tgagaaacct	gtgtaggaat	gagccagtct	tcctcctatc	taggtaattt	540
acttaaaatt	cactgttttg	actcaciaat	cataatgtaa	gatatgagag	taaatgtcat	600
atatttgat	ttcacaagta	ttttctaaca	ggtgtttttg	gaaaacatta	tagggagtat	660
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ctgtttggat	taaattatca	gacaaatttt	ttcagacctg	tgtaatgaag	tgattagatg	780
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ttgttgagca	gtgagaagct	tcaatcaaac	aactcattta	ttttcaaate	attgtttctg	900
ttccagatca	cagcctgcat	cagactatgt	tggtgtacgt	cttttacaca	gttcccattc	960
cagtcacac	tgcttacatg	actacatgaa	aacatcaaaa	agacaattgg	gattctgctt	1020
attatctgtt	ttatttttct	tcttagcaaa	ctttttctaa	tacaattttt	cttttgacta	1080
gacacaaaca	gcacagcatg	attcctgttc	ccatgaacac	acctggagta	aaaataataa	1140
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tttcccaagg	ccgccttgga	cctggcagaa	tccaccactg	tatgagaaca	gtaggtttgg	1320
cggaacgcgc	tttgcatatc	atgtgtgagc	gggcaacaca	aaggatagct	ttcaagaaga	1380
agttgtatgc	acatgaggtt	gtggctcact	ggattgtctga	aagccgcatt	gccattgaga	1440
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ctaagaaaaga	gatttgcaatg	atcaaagtgg	ctgccccacg	ggctgtcagc	aaaatcgttg	1560
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caatcgcaac	aatggagctg	cgggaccaag	ccaaaagact	gacagccaag	atataaggag	1740
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acatttgat	ctcatatttt	tgtagcagtt	tgagcacagg	gttaattatt	catttggtgt	1860
aaagattata	gcattctattt	tgatcagtg	gttttattat	ttcaagggtc	acacagggtt	1920
aagttcagta	agaaatgctg	tagctgttgt	cattcaatct	agtgcctcct	tgaggccagg	1980

agttcaggac	cagcctgggc	aacatagcga	gacccccatt	gctacaaaaa	atttaaaaat	2040
gaaacaagtg	tggtggcaca	tgcttgtagt	cctagctact	tgggaggctg	aggcaggagg	2100
attgcttgag	tctaggagtt	tgaggttaca	gtaagctgtg	atcgtgacat	ggcctccagc	2160
ctgggtgacc	gagtgaagact	gtttctaaaa	ataaaaaaaaaa	aa		2202

<210> 3285

<211> 2725

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2525)...(1487)

<223> similar to gi4127947 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3285

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atcattcatt	tgtacagaga	aatcatttgg	atggatctat	ttacagtctt	ttctgattat	120
catttccact	ggccaaatat	atttcacaga	atagtcaaca	ctgacttgaa	ttgatcacca	180
ttataatcgg	gcttttactc	ctcctcccc	ctttcaaaga	tgatgatccc	attttaacag	240
aaacattttg	taataaaaaga	ttcaccagtc	ttttccatc	ttatgactaa	atccaccaaa	300
atttatttta	tatggtcaaa	tttttaacac	atttcattgt	ttcttttcaa	actcattatt	360
tgcaggtatt	gcaaaccaag	gcaaataagt	ccacggtccc	ctcgagcctt	ctacaactta	420
ctgacacgcc	ctcaagttga	ggcttctcct	atctcctttc	acacttgatg	aatgtctggc	480
acaaccagac	attttacttg	aagacaaaac	tactctcttt	tcctctcttt	ttcttttaac	540
tcactaccaa	tcaccttccc	tcttgcatth	cagacaacac	taaaactttc	aacaaaatct	600
ttgaagtggg	tttctttcag	tagtctagaa	tacatcaagc	catttcatgg	gtctttaccc	660
tgaaatgcta	cactttaaaa	atggcaatth	ttttaattgg	ctcaaaaaca	gtatggcttg	720
gtttcacttg	gtaaaattaa	tgtgatthaa	aaaaatatat	atatatacac	acacacacac	780
acatacacac	acatttttaa	tcaggaagaa	aaatacttta	aagacatgcc	aatttgaaaa	840
ggcatcaaag	taaaaaaata	aaagcaaagt	ctaaaaacta	ctttacaata	aaaaaattaa	900
ataatcggca	ggttaaattga	atgtaaaatg	aggaatgtac	agtgaaaaac	aaactaatat	960
aaagcattcc	agttgataaa	aacctctctc	ggcttatggg	ttgttttcca	aggaaattat	1020
gtttcaatgt	aaagtthgaa	atactccaga	catacatthc	atgtaggtth	tgggtgccaa	1080
tgtaaaaatt	tcaaattthg	catgcaaggc	ttagcaaaga	aacactggca	gaattccagc	1140
atttgcaaaa	ttctaagtht	tggtgaatat	tgtaaatatt	acaattggta	ttagaaagcc	1200
atgatgaatc	cagaattaag	agaaaaccca	tttcataaat	attttgtthg	attaaaaaat	1260
accaggctta	ccatgtthta	aataattcaa	gaaaatatct	ttaaaaaaa	aaggactgca	1320
atttaacagt	aatctgtata	tctthtagctg	ccattaaaaa	aagaaaaaag	aacaacaaaa	1380
aacaatgaaa	atgtttacaac	tggtataaag	taaccttatg	atgctccctc	tacgagaaaa	1440
caaaaactgta	cacattttata	aacaaacagt	ctctcccatc	agttaacaca	cagagccttc	1500
tctacaccaa	agtctctthc	cgthtgccac	cagaaagggc	tttgctccct	gctcttcgga	1560
tgcggggctg	tgtctggtgt	gtctthtaagc	tcttgctgtc	ctctgccatc	tgcattgccag	1620
agccacatct	gtaagcgtht	tcatcaactt	ctacctgagt	aacactggaa	actgtggatg	1680
ccctcctctg	ggctgtgagt	ttctctcgag	aggggtgggt	ccctcacac	tcttcgtgca	1740
gctccggcag	gccctgcagc	tcaggtggac	tgcttgccga	ctggaagggg	gcaatggccg	1800
ctcgaataca	gttgaaaccac	tgctgcttht	ggaacacgtc	attggctthc	agagtgtgag	1860
actaggctgg	agaggggtca	tggaagcgaa	ttctaaagat	attthtagct	ttctctgagt	1920
tactgaaagc	tcctcgaaag	gagcctccca	ttctcacatc	tccatcctgc	aggtcttcta	1980

ggactagctc	ttggactggg	attggctgcc	ggtaaacctg	gtaagagtgc	cgttcgttcc	2040
gtgtgacggg	ccgagtcaga	accaagatgt	cttgaaacag	gaaaatgtaa	agtttatgtc	2100
cactcttgct	ccgcagctcc	ccatggcaca	gcagcacttt	gctcgcttcg	attctggggt	2160
ccctctgctt	ttcatccagg	tactccagct	tgtcgatgta	atactggcac	tcggattcac	2220
ctttcttcaa	gttgatatca	gagaggactc	cctgtattat	caatatagca	tcctccagaa	2280
gctgaacatc	agggtgctct	tttggagtgt	gtttaagaat	ttcttttaac	agtaaagggt	2340
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caagaagagc	tttggctgcc	agctggttac	tacagtaacc	tctgtaggca	ttcaagcgcg	2520
gtaactgaag	agtaataaaa	gaaaagggtat	gatgtgttcc	tgttatgacc	gagtgcatta	2580
acaagcctgc	aaacatgaaa	cacaaaatgt	acagctattc	ttgagagttt	taacaagctg	2640
tggacatttt	ctggcagata	ataatggaag	ctgaatagca	ttttagcaat	catcaaaatg	2700
ctcttcaaat	tttcataatt	tggt				2725

<210> 3286

<211> 385

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (19)...(347)

<223> similar to gil619929 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3286

aaagatgaat	acataagtaa	atcacattcc	tatatattag	caatgaacaa	gtagaatttg	60
aaatgaaaac	acaacacact	tacatcaaca	cccccaaaaa	tgaaatactc	aggtataagt	120
ctaacaaaac	atgtacaaga	tctatgtgag	gaaaactgca	aaactctgaa	agaaataaaa	180
gaggaactat	aaatgcatga	agagatattt	catgttcaca	gataggaacc	ctccatgttg	240
tcaagatacc	agttcttccc	aacttgatct	ataggtccaa	agcagtgcc	atcaaaaatcc	300
cagcaataaa	ctctggatat	tgacaaactg	actctaaagt	ttatagatag	aggcaaagac	360
cccgaatagc	caatacaata	ttgag				385

<210> 3287

<211> 2744

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2745)...(499)

<223> similar to gi2565046 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



<400> 3287

tttttttttt	ttaagttcaa	aagtacattt	attttaaagt	tgggcaagat	atcaatataa	60
aagaaaacag	agtataagaa	ataaaaaata	tcaaagtaca	aaacattttca	aatcttttaac	120
atccataatt	tagagatagc	aaggtcttta	tttacacccat	tttattttcta	gtttgaagtc	180
ccgtaacagt	tttgtgaaaa	catttataaaa	cctgggcaaaa	tgaatcataa	aacctaatgt	240
ggggctctta	aagtcatata	atacaaaaaca	taatttatgt	ttccctcagg	attaaaattg	300
caccatcttt	aaaaggggtgc	cggtatatatt	attatatcct	gtccttcccc	gcttcacagt	360
ctggatcccc	caggaaaggc	agctgggaaa	accagagcct	gtgaaggga	gcgcagcagc	420
ttcctcgcca	gaccagaaca	gccagccccg	caccgcagga	agtccgacat	gcacggcagc	480
ctagacgccc	atagttaaac	cttatatgat	tcatagtcca	gcgtttgagt	gagcacttca	540
gtcagaacga	aactctgcat	tgtgaacatc	tatgccctct	ggcaaaatat	tcttcggata	600
aaatgaaggt	cattttccac	aggataatta	aaattatttc	ccgaacaaac	tcgaagttcc	660
tgcttggtgt	cccatgagct	tccggaaaga	tggctgcctt	ggataacacc	tttcctcctg	720
cacactctac	gattgccttc	atagtggaaa	gacttgggca	gattcccagg	tgtgatgtaa	780
aaatattttg	ccttaaagag	tggagaaacg	tgtgcccgtt	ttaaggattc	ttccaagctg	840
aaagagaaaa	gtactttctgc	ctcagcatct	cgagagaatgt	agttctgctc	atcaatgaac	900
ttctgacacc	tgaagcattc	ttccagccac	tctggcgctca	ctatgtgctt	cacgacagaa	960
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<210> 3288

<211> 1624

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1625)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (63)...(1286)

<223> similar to gi3766257 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3288

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ggaaagaaat	gactgaaatc	gagaaatatg	ccagcaaagt	ggaccatgta	atgcagttag	300
caaggaaaaga	ggcattcgcc	cgggctgggt	tctttggagc	aactgggctc	tccggaaacc	360
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tgtaaaagat	tgttttgaaa	cgtacctgtt	ctcaagatct	ttttattcag	agttttaata	1560
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cttg						1624

<210> 3289

<211> 4747

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4748)...(573)

<223> similar to gi3288457 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3289

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caatcagtag	tccactgaag	gagaaaagga	ttatgaaaaa	acaatgaaag	cacagggtag	240
gaaaataaac	aacacaaaag	actaattctg	gatttttttt	ctgtgtcctt	aataccctgt	300
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cacaaatata	gttttactct	tcacaataag	cattaagaca	tgtccttgga	gctctgtgac	540
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<210> 3290

<211> 2817

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2818)...(1352)

<223> similar to gi4309889 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3290

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<210> 3291

<211> 446

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(274)

<223> similar to gi558846 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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aagagaaaca tgagcattat gaagaaaggt ggcagatttt cagaagaatt ttataaaagt      180
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taaaagatac taaaattgtg tttact                                           446

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<210> 3292
<211> 1101
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (16)...(640)
<223> similar to gi5832782 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 3292
tacctggatc ggggtgaaggt actgggtgttg ggagactcag gtggtgggaa atcttcgtta      60
gtccatctcc tatgccaaaa tcaagtgtct ggaaatccat catggactgt gggctgtctca      120
gtggatgtca gagttcatga ttacaaagaa ggaaccccag aagagaagac ctactacata      180
gaattatggg atggttgagg ctctgtgggc agtgccagca gcgtgaaaag cacaagagca      240
gtattctaca actccgtaaa tgggtattatt ttcgtacacg acttaacaaa taagaagtcc      300
tcccaaaaact tgcgtcgttg gtcattggaa gctctcaaca gggatttggg gccaaactgga      360
gtcttggtga caaatgggga ttatgatcaa gaacagtttg ctgataacca aataccactg      420
ttggtaatag ggactaaact ggaccagatt catgaaacaa agcgccatga agttttaact      480
aggactgctt tcctggctga ggatttcaat ccagaagaaa ttaatttgga ctgcacaaat      540
ccacggtact tagctgcagg ttcttccaat gctgtcaagc tcagtaggtt ttttgataag      600
gtcatagaga agagatactt tttaagagaa ggtaatcaga ttccaggctt tcctgatcgg      660
aaaagatttg gggcaggaac attaaagagc cttcattatg actgaattac actcatcctt      720
tggaagagtg agcaagcagt ggcagttttt cacagctcat cttgctgtgt tcaattatta      780
ccatcacagc cttttaacaa aatcatctta aaatgctacc cttcagcctt accctttaat      840
ggaaaaatga aaggaagtga caatacggga ggtccaaact ttgtccctgt tctctgtgtt      900
ccttaccttt ctgtccctgt gtatagatta tgtaaaagcc ttgtgtaa atgagatggt      960
gtcaaaatga tgcagtaa atgagcaatgac agtgactg agagaaaatt tactcttggc      1020
tagaactgga ggggtttttat gggctctgtaa ttttccaca ctcattgctg aaagcttaat      1080
taagtacttc aaaaacgtaa a                                           1101

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<210> 3293

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<211> 364  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(239)  
 <223> similar to gi804809 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3293

aggaactaga	taggctgaac	agaccaataa	caagtaatga	gattgaatca	gtcataaaaa	60
gtcttccaaa	aaagaaaagt	ccacgacca	agggcttcac	tgctgaattc	tactgaaact	120
ttaaaaatgt	aataccaact	tttttcaaac	tattccccaa	aaaaacgaaa	cagaaggaat	180
tcttccaact	cgttttacaa	gggctttatc	ttgaaggcaa	aatggcacca	ctcaaagtgc	240
cataactcaa	tatgccgcat	tttggatttt	ccctgggctg	tcacctccta	tcctggcttc	300
aaaactgtgt	atagtgaagca	catctccgcg	ggtctcccca	ccctgtgggt	aacacttgac	360
gata						364

<210> 3294  
 <211> 1695  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (389)...(1361)  
 <223> similar to gi3874826 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3294

tggaaattcct	gggtcgacga	tttcgtgaaa	gagtcattaa	cagttaggag	ttgatggcag	60
tttcaataac	aggtcattgc	cgagaaaagg	atagcactat	aatatgcaga	aatctacaaa	120
ttctgatact	tccgtggaaa	cactgaattc	tacccgccaa	ggcacaggag	ctgtgcaa	180
gagaatcaaaa	aatgccaaca	gccaccatga	caggctcagc	caaagtaa	ccatgatcct	240
caccgatgtc	gggaagggtca	ctgaacctat	atccagacac	agaaggaatc	attcacagca	300
tatcttgaaa	gatgtcattc	ctccattgga	acaactgatg	gttgaaaaag	aaggttatct	360
gcaaaaagct	aaaattgcag	atggaggaaa	gaaactaagg	aaaaactggt	ctacttcctg	420
gattgttctt	tctagtcgaa	gaattgaatt	ttacaaaagaa	tccaagcaac	aggctctgtc	480
caatatgaaa	actgggcaca	aaccagaaaag	tgtggatttg	tgtggagcac	acattgaatg	540
ggccaaggaa	aaatcgagca	gaaagaatgt	ctttcagatc	acaacagtat	caggaaatga	600
gttccttcta	cagtcagata	ttgacttcat	catattggat	tggttccacg	ctatcaaaaa	660
tgcaattgac	agattgccaa	agggttccaa	gttgtccatt	caaggaaacc	tgggatttat	720
ttcaaattcc	aaaggttcct	ctagcactga	attgctaagt	cactaccgac	agtgatataa	780
aagaaccaga	aaccatgagc	accagaaaat	ctttaatggt	cagactgcat	cacagtgcct	840
ccgatacaag	cgacaaaaat	cgagttaaaa	gcagattaaa	gaagtttatt	acccgaagac	900
cttccctgaa	aactctgcaa	gaaaaaggac	ttattaaaga	tcaaattttt	ggctctcatc	960

tgcacaaagt	gtgtgaacgt	gaaaattcca	cagttccgtg	gtttgtaaag	caatgcattg	1020
aagctgttga	gaaaagaggt	ctagatgttg	atggaatata	tcgagttagt	ggcaatctgg	1080
caacaataca	gaagttaaga	tttattgtca	accaagaaga	gaagctgaat	ttggacgaca	1140
gccagtggga	ggacatccac	gttgtcaccg	gagcactgaa	gatgttttcc	gggagctgcc	1200
tgagccgctc	ttcccttaca	gtttctttga	gcagtttggtg	gaagcgatca	aaaagcaaga	1260
caacaacaca	agaattgaag	ctgtaaaatc	tcttgtaaaa	aaactccctc	cgccaaatcg	1320
tgacaccatg	aaagtcctct	ttggacatct	aactaagtaa	gttgtaagga	tttctggatg	1380
tgtcatttta	tagtcatttc	ctaaatgggc	aattattgaat	ttcacatctc	taaggcaaga	1440
gtttccaaat	gcgtacatct	cgtattttcc	cttgtagctg	aactagggtct	ttctgcagaa	1500
gctggagaat	gtgttaggga	taggaaggac	aattctacaaa	aggaacttct	gaaataactt	1560
atTTTTcaag	gccctttcaa	ctagtatatg	tttgctgatt	gcttgctcaga	accatcgctt	1620
ggaccctggg	atgggtcctc	ttgactttgt	tatctaacat	aatgaaagaa	catgaaatga	1680
ttcagacatg	gattc					1695

<210> 3295  
 <211> 2125  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2126)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (2126)...(133)  
 <223> similar to gi2832906 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3295	
tttttttttt	ttggtggttg tctctaatat ttatttgtct gggtataaaa ttaatattgtg 60
aggagcattg	gatttgggtga gaacgttttg aaccctagct gtcattgtgcc acctgcggga 120
tctagaccag	tgactttctca gaactgccat ttctctatct ggtagacagg atggtaagcc 180
ctgtcttgct	cactccacgt atggcagtg agatgaaatg agatcacaga ggggaagcaa 240
ttggcagggt	ggaaagtgtc gacaaatgga aggggttggtg tcaccaccct cagctgaggt 300
agtaccaagg	tccaagctcc tgccctctcc cctccccagc ccctaaatac acacacgaat 360
ggaggggccac	ttgcagcctt ggtctgatgg aattgggggc aaggccacac atcttctca 420
agcttgGCCA	gatggggcct cactggggcc ctccagaat cgggcacgg ctgtggccag 480
ctgtgtgagg	atctctcca actcgggtcc atctctggg aaacgctcag agaaggatcg 540
gatgaggcca	gcagctgacg cctcgatttc cagaagctgc acgtctgagc cttcaaggcg 600
agtgttgggc	tgaacaatga gcttccgaga ttcttacgc agcagcaccg tgtccctgag 660
ggtgaggaag	cactcggggg gcgcacagtg gactgttgca taccctctgt acaggggccc 720
ccctccggcc	acatcccttg tggacttcag cacctgaagt ctccgcagga agcgtctag 780
agcaggcttg	cccacagacc ggatcttgct gcggtcgagg cggaccggg catctgggcg 840
cccacgggag	cctgtgggtg gagtgatggt aacgagtccc tcgccagcct ccagcaagac 900
tctcaggatc	acaaaccggg cctgcatatg ggctgtgcg cagttgaagg cctcaggtgt 960
gtagaactcc	agagcgagca gcccgggccc aaccatgttg agccagttca cgtagatcac 1020
gtcctccgca	tcagccccct caaagccaaa gatctccagc acttgcggtt ggagacagag 1080
gtagagaccc	acgctctcag cccggcactc ttcgtagctg gaggcgatgg tgctgaactt 1140



gctateccag	gtctccccgc	tccgatacca	gctctgaatc	tgctcgcccg	tctctggggt	1200
gatcaactgt	tcctgggtcaa	agttgaatgc	tccttttttcg	tcctgtacga	agagcttgcc	1260
actgccatgg	cccagcagct	cgtgcaggcc	cacctgcaca	tcgaaggagg	gccccttcca	1320
gaggatgtac	aggctcctgt	catcctcctc	cagaaaggta	agcttctccc	gctgcgtggc	1380
gtaggccaca	gccagcacat	tccccagcga	cacgttctta	aagccttccg	tctgcctcag	1440
atccatcgtag	ttggggatgt	tgatgccggc	agggatgccg	gagccagcga	aggtgagaac	1500
atccagggag	gtgaagtcag	gggtgaggaa	cttgctcttc	tcaaagggtg	ggggccaggg	1560
cagctccttc	agcagctgct	ctgcgctcgc	caccagccgc	tcaaacttgg	cactcatggc	1620
cttgttcacc	acagctacga	aaccttcaaa	ttctcctcgg	gaaccaaagg	ggtcgcggtg	1680
gctctcgatg	aaccgatgt	aactctccac	gatggggcct	ttgtcctgga	tccagaagcg	1740
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catctgcccc	tggtggctgt	tggtgcata	ggccttggct	ttctccagct	gctccaccac	1860
cttctggagg	atgggcgcgt	agtccccccg	ggtcacctgg	aaagggttcc	cccgggaattc	1920
atagctcttc	agcttggaag	tcacctcaga	gtccagggaa	ggctctgagc	caagcacaga	1980
agccagccgc	acctcgtagt	agggcttccc	ttctccatcg	acctctttaa	gagccgggtg	2040
ttgtaggcac	tgaggttctg	tgagtccaga	aagtctgggn	caatttgga	tcttccatgg	2100
tacaattccc	agagaaatag	gtggt				2125

<210> 3296

<211> 679

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (641)...(345)

<223> similar to gil872200 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3296

ccagacatca	tcctagcact	taaggagctg	gaagcagagg	tatcatttaa	actacttcc	60
ctgcttccag	acatcatcct	agcacttaag	gagctggaag	gttgaacaga	aattcttctt	120
ggaatccttg	aaggtttaga	ctccattctt	aaagattgga	ttctgaatat	caggtaacat	180
ttttatttgg	aatatatgta	tacagccttt	ttcaaaatcc	ctagggccac	tcttttgggg	240
gtatttaaaa	aatgtgttag	ctggatctga	ggcatcctgt	aatcaaaacc	aatatatatg	300
tagcaaaatg	aataacattt	ttcaaacttt	ttggacttca	gaattatgga	taacagattg	360
taacctcata	taaaatcata	cttttgcgct	ggggaacggg	cgtcacgcct	gtaatcccag	420
cactttggca	ggctgagact	ggcagatcat	ttgaggtcag	gagttcgaga	ccagcctggc	480
caacatgacg	aaaccccgct	tcgactaaaa	atacaaaaaa	attagctgga	catggtggca	540
cccctctcta	ctcccagcta	cttgggaggc	cgaagaggga	ggattgcttg	aaccaggag	600
gtggaggttg	cagtgaactg	agatcatgag	actgcactcc	agcctgggtg	acagagtcga	660
gactccatct	caaaaaaaa					679

<210> 3297

<211> 2228

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (72)...(956)

<223> similar to gi3386611 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3297

ggtttgcctc	ctttcccgag	atcaatctcc	agcaaatgct	aaaagaagtc	cccaaaaggt	60
ttggggatga	gagaggtgcc	attgttcatt	acacgattct	caataacccat	gtttaccgga	120
gatcttttagg	gaaatacaca	gacttcaaga	tggtctctga	tgagattttg	ttatcattga	180
caagaaaggt	ccttctccca	gatttagaat	tttatgttaa	tcttgagat	tggcccttgg	240
agcatcgaaa	agtcaatgga	accctagcc	ccatacctat	catttcatgg	tgtggctctc	300
tggattcaag	agatgttgtc	cttccaacgt	atgacatcac	ccactccatg	cttgaagcca	360
tgccgggtgt	tacaaatgat	ctcctctcta	ttcagggaaa	tacagggcct	tcctggatca	420
ataaaacaga	gagagctttc	ttcagaggta	gagacagccg	agaggagagg	ctccagttgg	480
tacagctgtc	caaagaaaat	cctcagctac	tagatgcagg	aattacagga	tatttctttt	540
tccaagagaa	agaaaaggag	cttggaaaag	ccaagttgat	gggtttactt	gatacttgta	600
cttaaagaaa	tgtggatggg	accgtggctg	cttacagata	tccatatctc	atgctgggcg	660
acagtctggg	tttaaagcag	gactcgccat	attatgaaca	tttctacatg	gcactagaac	720
cttgggaagca	ttatgttcca	attaaaagaa	atctgagtga	tttattagag	aaagttaaata	780
gggctaaggga	aaatgatgaa	gaagccaaga	agattgcaaa	agaaggacag	ttgatggcta	840
gggacctact	acagccacac	aggctttact	gctactatta	ccaagtactg	cagaaatatg	900
ccgagcgcca	gtccagcaaa	cccgaagtac	gtgatggaat	ggaacttggt	cctcagccag	960
aagatagcac	agccatctgc	cagtgccaca	ggaaaaagcc	ttcaagagaa	gaactttgag	1020
tcagcccaga	atcacactcc	tgtgtatccc	ggctacactt	taaggaaaga	ttgaatctaa	1080
gctgtgaagg	acagtataga	agactgcacc	aagtggacta	gttctcccg	tggctttata	1140
tatgtagatg	gatatagcag	tactgggtga	gtatccctca	tctgaaatgc	ttaggaccag	1200
gagtgtttca	ggcttcagat	tttttaagat	ttgggaatat	ttgcatgtac	ataatgaggt	1260
atcttgggga	tgagatccaa	gtctaaacac	aaaattcatt	tatatattat	atataccttg	1320
ttcacatacc	ctgaaggtaa	ttttatataa	tatttttaata	aatttgtgca	tgaaacaaag	1380
tttgtataca	ttgaactgtc	agaaagcaaa	ggtgtcacta	tcttagcgac	ccaagtgggtg	1440
gtgtcagcac	tcaaaaagtt	ttggattttg	gggtatttca	gatttttagat	ttttgtatga	1500
ggaatgttca	acctgtattt	gaacgaagca	ttaccaaata	tcgattgaat	attaatatct	1560
tttgcgtaaa	aactgctatt	atcagcatca	tagtttctct	aaaaagaaaa	cttggggatc	1620
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tattggttta	catattttat	tggtttattt	ctatcccttg	ttcacttttt	ctcttccact	1740
tccaattatg	aagagaaaat	atttgttcag	ggttgtcccc	ccgccccccg	tactgcata	1800
atttctcctc	ttacaagctg	cttttggctt	tcattaataa	cagcttcctt	ttagaaggctc	1860
tgataaggat	atttaaggaa	gaagagaatg	actctgttat	taaagggtggc	atggagactg	1920
tggaggggaat	attttttaaa	gcactactca	tatcctttta	actaaatttt	gccaaagccc	1980
gagacaacat	taaggagaaa	ttgtacctta	agttagtaat	tccaaatcta	tctgagttgt	2040
atacccatca	aagacaatac	agttattaac	atagatgaag	gtatgctata	ggcatcattc	2100
attatctcta	tattgaatag	gtgaaagata	actgtagtca	ggtgaaaggc	attcattatt	2160
tttaagctga	aaagggggatc	cttgaaaaca	ctgaaaacct	ctacaacaat	cttcaggaag	2220
cctgcttg						2228

<210> 3298

<211> 2017

<212> DNA  
<213> Homo sapiens

<220>

<221> misc\_feature

<222> (107)...(296)

<223> similar to gi2198815 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3298

tttcgtgcgg	gagatcagag	gtcccgccgt	cccgcgccgt	acctcggctg	aggacaggca	60
ccgccatggg	ccacacgcac	acagcccgga	gttgcagcgg	accggcagag	attacagcct	120
ggactacctg	cccttcgcgc	tatgggtggg	catctgggtg	gctacctttt	gcctggtgct	180
ggtggccaca	gaggccagtg	tgctgggtgcg	ctacttcacc	cgcttcaactg	aggaagggtt	240
ctgtgccctc	atcagcctca	tcttcatcta	cgatgctgtg	ggcaaaatgc	tgaacttgac	300
ccatacctat	cctatccaga	agcctgggtc	ctctgcctac	gggtgcctct	gccaataccc	360
aggcccagga	ggaaatgagt	ctcaatggat	aaggacaagg	ccaaaagaca	gagacgacat	420
cgtaagcatg	gacttaggcc	tgatcaatgc	atccttgctg	ccgccacctg	agtgcacccg	480
gcagggaggc	cacctcgtg	gccctggctg	tcatacagtc	ccagacattg	cctttctctc	540
ccttctctc	ttccttaact	ctttcttctt	tgetatggcc	ctcaagtgtg	taaagaccag	600
ccgcttcttc	ccctctgtgg	tgcgcaaagg	gctcagcgac	ttctcctcag	tcctggccat	660
cctgctcggc	tgtggccttg	atgctttcct	gggcctagcc	acaccaagc	tcatggtacc	720
cagagagttc	aagcccacac	tccctgggcg	tggtggctg	gtgtcacctt	ttggagccaa	780
cccctgggtg	tggagtgtgg	cagctgccct	gcctgccctg	ctgctgtcta	tcctcatctt	840
catggaccaa	cagatcacag	cagtcacctc	caaccgcatg	gaatacacag	tgcagaaggg	900
agctggcttc	cacctggacc	tcttctgtgt	ggctgtgctg	atgctactca	catcagcgct	960
tggactgcct	tggtatgtct	cagccactgt	catctccctg	gctcacatgg	acagtcttcg	1020
gagagagagc	agagcctgtg	ccccggggga	gcgccccaac	ttcctgggta	tcaggaaca	1080
gaggctgaca	ggcctgggtg	tggtcactct	tacaggagcc	tccatcttcc	tggcacctgt	1140
gctcaagttc	attccaatgc	ctgtgctcta	tggcatcttc	ctgtatatgg	gggtggcagc	1200
gctcagcagc	attcagttca	ctaatagggt	gaagctgttg	cttgatgcca	gcaaaacacc	1260
agccagacct	gctactcttg	cggcagtgtc	ctctgaccag	gggccacctc	ttcacagcca	1320
tcagctttgc	cctgtctggg	gctgcttttg	gataatcaag	tctacccttg	cagccatcat	1380
cttccccctc	atgttgctgg	gccttggtgg	ggtccgaaag	gccctggaga	gggttttttc	1440
accacaggaa	ctcctctggc	tggatgagct	gatgccagag	gaggagagaa	gcatccctga	1500
gaaggggctg	gagccagaac	actcattcag	tggaaagtgc	agtgaagatt	cagagctgat	1560
gtatcagcca	aaggctccag	aatcaacat	ttctgtgaat	tagctggagt	aggagtctgg	1620
gagtggagac	cccaggaaac	agcatgaggt	gcttactcag	gaagtcagga	catttttggc	1680
ctttggctta	acttccagat	gctcagtcgg	cttgggggaag	gactgaaggg	cagctgccaa	1740
gacctcagtt	acctcctgac	ctgaggggtg	agagtggcag	gaagcaagca	tgtttgctgt	1800
gcacttagga	aaggctgggt	agccagaggg	actgatcagg	ccccattcac	tctctactca	1860
ttaaaagggtc	ctgagccacg	aagcgcttcc	cattttgaac	tttctgtcct	cacagattct	1920
gttttgacaga	atctaagggc	catcagggaa	ctcttttcat	cttgcaaaga	gaaaaagcca	1980
gtctttccag	aataaatatt	catctgtttg	aaataaaa			2017

<210> 3299

<211> 1056

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1046)...(9)  
 <223> similar to gi5917666 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3299  
 tttcgtgttc tgggaacgca gcagtgaccg gcctgtccgg tggttccctg ccagggtgcgg 60  
 ggtgtgagga gacagatgca tggataagtc tccgtgggaa actcaggcct ttgtcctggc 120  
 ggaggggaat gggctctgagg cagcctctgc cgggctggcg gcctgtctgg ctgcgcgtcc 180  
 tgcagcaccg gcctcacccc cagcacacgc ccgccaggag cgcagggggc ccgaggatgg 240  
 aagcgtctgt ctgaggcgct gtcctgggac cccaccccgc cttcggggct gatgcacaga 300  
 ccgggaattg aggatacctg gtgtggagga ggccgctgtg tttgggcctg ggtctgaagg 360  
 gtgagtgggt gtcattgtgg ccacgggccg gggtcggggg agcattcagg tggccggagg 420  
 aggcctggca caggaagggg cagtgagggg cccgggtggg gccaggagat agaggggcgg 480  
 gaccaggcct gtgggacagt ttgaatcacg cggggagttt ggtctttatg ggaagaaagg 540  
 cgccgtggcc attcggagag ccactctggc actgctgccg gtgcgggtccg gggctgcggg 600  
 gcctcctcct gggcctgaac tgcagggctg gtggggggcca tgggggaagg tggctccaca 660  
 ggtccccgga gctgggggag caggaggatg ggggtgacca ggagggaaag ctatggagct 720  
 ggagaatgca ggaggcccc gaggggaggt gcagccagcg ctgggtggga ggcctctgag 780  
 gggtagcgcg taattgacat cacgggtgtg ggtgagagtg gctttcaaag catcggctgg 840  
 agcagggtcc cattaagc cagagacgct gacgccatgg ggctgggggt ggggctgggc 900  
 cggggccttg ggaggtccga actccccagc agggagccag ggctctgggc cagttcccag 960  
 gccagttaa tcttcagtag aatcgatcga ccttggtca gagggttgga ggcagggatg 1020  
 ggcaaagggt gaggggtgag gcgcacgaat ggcgaa 1056

<210> 3300  
 <211> 430  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (36)...(283)  
 <223> similar to gil619929 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3300  
 cataattcgg cagcaggggaa accaggggagc ccccctactt cagtgtagag tcagcaaaac 60  
 ctgtgcagga cttctatgcc aaaattataa agcactgacg aaagaaagtg aaagggatct 120  
 aagtaaataa ggagacatac catgttcatt aatttttaaga ctcaacatag caaagtcgtc 180  
 aattcttccc aaatggatgt gggtttaagt caattcctat caaaatctca gcaatagtgt 240  
 ttctagataa agacaaaatt attctaacat ttacatggaa aagcaagtga actagaatag 300  
 ctcaaacaat tctggatgaa aagaacaaac tagtaggaat caatttcaat atagctacgt 360  
 aatcaagacc ctgtggtatt gctgaagaaa cagacacata gatcaatgga actaacacaa 420  
 tatacccaca 430

<210> 3301  
 <211> 2248  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1973)...(1345)  
 <223> similar to gi3002527 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3301  
 gcgggtattcg gcacgagctt ccctccctcc cttctctcgt ctccctccca ctgcgcctcc 60  
 ctccctcctg gccttccttc ccttaccoga ctttgagat ttctcttccc ccaggcctcc 120  
 ctctccacc tctccgcccc ctccgggctt ggctctccca ggaggctacg actggagcca 180  
 ctggctccgc aggatccccg cgtcctcggg cgccgcgtcc acgtccctct cgcgtccccg 240  
 cccggcgcca cgccgcctcc tctgggttcg gcctccgcgc ggtgcagcgc agtctcaggc 300  
 cgcgggacaa gcccgactta aatctctgca atggctaacg aagcttatcc ttgtccgtgt 360  
 gacattggcc acagacttga gtatggaggg ctaggccgtg aagttcaagt cgagcacatc 420  
 aaggcttatg tcaccaaata ccccgttgat gcaggcaaag ctgtgattgt cattcaagat 480  
 atatttggtt ggcagttgcc caataccaga tatatagctg acatgatctc aggaaatgga 540  
 tacacaacca ttgttcaga cttctttgta gggcaagagc cttgggaccc ctctggcgac 600  
 tgggtctatct tccctgagtg gctgaaaaca agaatgccc agaagatcga tagagagatc 660  
 agtgctatct tgaagtatct gaaacaacag tgtcatgccc agaaaattgg catcgtggga 720  
 ttctgctggg gtggaactgc tgtccatcat ttgatgatga aatactcaga attcagggca 780  
 ggggtgtccg tctatggcat cgtcaaggat tctgaagaca tttaacaattt aaagaacccc 840  
 actttgttca tttttgctga aaatgatgtt gtgattccac tcaaggacgt atctttgctg 900  
 actcagaagt tgaaagaaca ctgcaaagtt gaatatcaaa ttaaaacatt ttctgggcag 960  
 actcatgggt tegtgcacg gaagagagaa gattgctcac ctgcagacaa gccctacatt 1020  
 gacgaggcca gaaggaattt aattgagtgg ctgaacaagt acatgtagca agaatcaagg 1080  
 gcaagccttc ctagaatagc tttcatccca aaatttgctt ggaaatagtt agatcatttg 1140  
 atttaatttt cacttttata aaataagtgt aggaatccta aaattgatta tttcatttga 1200  
 aacacaaatt cagtaggacg taatgcatga aataatttaa tttttgacat gtacatcgaa 1260  
 tcataattta aaaacaaggt ctgaccaggt gtagtgcttc atgcctgtaa ttccagcact 1320  
 ttgggaggcc aaagtgggtg gatcacctga ggtcaggagt ttgagaccag cctggccaac 1380  
 atggtgagac cccatctcta caaaaaatac aaaaattagc ctggtgtggt ggtgcacgcc 1440  
 ttagtccca gctacttggg aggctgaggc acaagaatca atagaacca ggaggtggag 1500  
 actgcagtga gccaaagatt tgccactact gtactctagc ctgggcagca gagtgaagacc 1560  
 ctgtctcaaa aataaataag taaataaata aataaataaa ataaaaacca ggtcagtacc 1620  
 tggagaattt gaatgataga gaatgataga gtaataccct aattattagt taaaacctac 1680  
 aggcggggtg cgggtggctc cgctgtaat ccagcactt tgggaggccg aggtgggtgg 1740  
 atcacttgag gtcaggagt caagaccagc ctggccaaca tggtgaaacc ccatctctac 1800  
 taaaaatata aaaatcagcc gggcatgggt gcatgtgctt gtaatcccag ctactcagga 1860  
 gtctgaggag gagaatcact tgaacctgga ggcagagggt gcagtgaagc gaggttgccg 1920  
 tactgcactc cagcctggac aacagaggga gactctgtct ccaaaaaaaa aaaaacctac 1980  
 agctgttcaa ggaccagctg acaggtcaag tgtggccttt tctggtcttt gaacacatca 2040  
 tagaaagtga caaatgctgc aaagccatga agaacatgaa ctataaacgg gtagactaac 2100  
 tgcccagctt agacacttat ctatgccaca aaacagctga atttgtcaca tttatatatt 2160  
 gcaatatggg aagtattgag atcaaaacag gattccattg acctaattat attagctaa 2220  
 taaactaatt ttttgaattt ttgaaaaa 2248

<210> 3302  
 <211> 2352  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1238)  
 <223> similar to gi36603 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3302

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ctggagctgc	tgggtctgga	gcagtttctg	atcctcctgc	ctaaggagct	ccaggccccg	120
gtgcaggagc	atcaccacga	gagcagggag	gacgtgggtg	ttgttctgga	ggatttgcag	180
ctggatcttg	gagaaacagg	acaacagggt	gacccagacc	agccaaagaa	acaaaaata	240
cttgtggagg	agatggcccc	tctgaaagga	gtacaggaac	agcaggttcg	gcatgagtgt	300
gaagttacaa	agcctgagaa	agagaagggt	gaggagacaa	ggattgagaa	tgggaagctt	360
attgtagtaa	cagactcttg	tggagagta	gagtcctctg	ggaaaatata	tgaacccatg	420
gaggctcata	atgagggtct	taacttggaa	aggcatcagg	ccaagcccaa	agagaagatt	480
gagtataaat	gctcagaacg	tgagcagaga	ttcatccagc	acttggacct	gattgaacat	540
gcgagtacac	acacgggaaa	gaaactctgc	gagtcctgat	tgtgtcagag	ttccagtctt	600
acaggacata	agaaagtcct	ctcttaggag	agaaagggtc	tccagtgttc	atggagtttt	660
ggggaaagcc	tttcagagga	gttcacacct	cgtcagacat	cagaaaatcc	atcttgggtga	720
gaagccttat	cagtgtcaatg	agtgtggcaa	agtcttttag	cagaatgcag	gccttttggg	780
acatctcaga	attcatactg	gagagaaacc	ttatctatgt	atccattgtg	gaaaaaattt	840
taggcgcagc	tctcacctta	atcgacatca	gagaattcac	agtcaggagg	agccctgtga	900
gtgcaaggag	tgtggaaaaa	ccttttagtca	ggccttactc	ctcaccacc	atcagagaat	960
ccatagtcac	tccaaaagcc	atcaatgtaa	cgagtgtgga	aaagctttca	gtttgacctc	1020
agaccttatt	cgacaccaca	gaattcatac	tggagaaaaa	cctttcaagt	gtaacatatg	1080
ccagaaagcc	ttccgactaa	actcacacct	tgctcagcat	gtaagaatcc	acaatgaaga	1140
aaaaccctat	cagtgtagt	aatgtggaga	agccttcagg	caaaggctcag	gtctttttca	1200
acatcagaga	tatcaccaca	aagacaaaact	ggcttgatga	ggtgttctct	ccttgtagaa	1260
catcagagaa	ggcacattga	ctagcaaaca	gcacttttag	aaaagtcacc	gtagcccact	1320
gtggcatcag	aaaattcttg	ggggctgagt	tggaggctcc	ctgcctctat	tctctctcct	1380
ttgctttcct	tgaagtcagc	tttgaccac	aataatttca	ctgtagatga	tatgctagga	1440
tcaaagttaa	acagcattct	tactgcagg	acatctcaga	gcattgtaaca	taactgcattg	1500
attatatact	ctaagcaata	gagagcttca	tgactgagta	agagttttga	agtcagcagt	1560
gaatcaagt	cccacagatt	tgaggctta	agcagaacaa	gggaagattg	atatttttgg	1620
atatgctata	gcagctttct	cctatgaaat	aaaactgatg	atgtttggaa	gtatactact	1680
ctcaaagggt	tctttaaagt	acagggtta	ggtgaacatt	ttccccag	ggcttcacct	1740
cattcctccc	actggcctta	ccccttcctt	ccccagtgga	agcattttca	aaagcaaaga	1800
taattttcgc	tgggtgaact	cagaacttgc	cttcagggtt	agcttcatgt	aattttacca	1860
tttcccatcc	ccattcccca	ccacattatg	tcaagattca	agttataaat	taacgtttta	1920
cttagacttt	gaaagagatt	tcatgagtaa	tttgaatgaa	ccttgctgaa	ttaatctgaa	1980
tagcaactgt	ctgacttgat	aactccagtg	ccagtatagt	ggctgctgca	tagacactat	2040
tcagtaaatg	tctgatgaaa	gaaattggac	ttttccctt	taatactgat	gatgcaattt	2100
tgaatgttg	cttggtcttg	aatacttcgg	aagttaaaca	ataaagtcag	cttggagagg	2160
agatcatgat	ctttatactg	tgaatagcag	aatgtcacag	atgaagaata	ttaaaattag	2220

gggcgtccac	tccaaaacat	atcaccagag	tgacaacttc	agccctcagc	ctctgcaatc	2280
catatatatc	ctggtcttgg	gagtccatag	aatactgttt	ccttctaata	aaggtttcaa	2340
acaaaaaaaa	aa					2352

<210> 3303

<211> 2900

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2637)

<223> similar to gi4028015 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400>	3303					
atggggctca	aggcgcgcag	ggcggcgggg	gaggctggcg	gcggcgggcg	cgggggcggc	60
ggaggcggcg	gggcgggctaa	cccagccgga	ggggacgcgg	cggcggcccg	cgacgaggag	120
cggaagtg	ggctggcgcc	cggcgacgtg	gagcaagtca	ccttggcgct	cggggcccga	180
gccgacaaag	acgggaccct	gctgctggag	ggcggcgccc	gcgacgaggg	gcagcggagg	240
accccgacag	gcatcgggct	cctggccaag	accccgctga	gccgcccagt	caagagaaac	300
aacgccaagt	accggcgcat	ccaaactttg	atctacgacg	ccctggagag	accgcggggc	360
tgggcgctgc	tttaccacag	cgttggtgtt	cctgattgtc	ctaggggtgc	ttgattctgg	420
ctgtcctgga	ccacattcaa	ggagtatgag	actgtctcgg	gagactggct	tctgttactg	480
gagacatttg	ctattttcat	ctttggagcc	gagtttgctt	tgaggatctg	ggctgctgga	540
tgttgctgcc	gatacaaagg	ctggcggggc	cgactgaagt	ttgccaggaa	gccccctgtgc	600
atgttgga	tctttgtgct	gattgcctct	gtgccagtgg	ttgctgtggg	aaaccaaggc	660
aatgttctgg	ccacctccct	gcgaagcctg	cgcttccctg	agatcctgcg	catgctgcgg	720
gatggaccgg	gagaaggtgg	cacctggaag	cttctggggc	tcagccatct	gtgcccacag	780
caaagaactc	atcacggcct	ggtacatcgg	tttcctgaca	ctcatccttt	cttcatttct	840
tgtctacctg	gttgagaaag	acgtcccaga	ggtggatgca	caaggagagg	agatgaaaga	900
ggagtttgag	acctatgcag	atgccctgtg	gtggggcctg	atcacactgg	ccaccattgg	960
ctatggagac	aagacaccca	aaacgtggga	aggccgtctg	attgccgcca	ccttttccct	1020
aattggcgtc	tccttttttg	cccttccagc	gggcacccctg	gggtccgggc	tggccctcaa	1080
ggtgcaggag	caacaccgtc	agaagcactt	tgagaaaagg	aggaagccag	ctgctgagct	1140
cattcaggct	gcctggagg	attatgctac	caaccccaac	aggattgacc	tggtggcgac	1200
atggagattt	tatgaatcag	tcgtctcttt	tcctttcttc	aggaaagaac	agctggaggc	1260
agcatccagc	caaaagctgg	gtctcttgga	tcgggttcgc	ctttctaate	ctcgtggtag	1320
caataactaaa	ggaaagctat	ttacccctct	gaatgtagat	gccatagaag	aaagtccttc	1380
taaagaacca	aagcctgttg	gcttaaacia	taaagagcgt	ttccgcacgg	ccttccgcat	1440
gaaagcctac	gctttctggc	agagttctga	agatgccggg	acaggtgacc	ccatggcgga	1500
agacaggggc	tatgggaatg	acttccccat	cgaagacatg	atccccaccc	tgaaggccgc	1560
catccgagcc	gtcagaattc	tacaattccg	tctctataaa	aaaaaattca	aggagacttt	1620
gaggccttac	gatgtgaagg	atgtgattga	gcagtattct	gccgggcac	tcgacatgct	1680
ttccaggata	aagtaccttc	agacgagaat	agatatgatt	ttcacccttg	gacctccctc	1740
cacgcaaaa	cacaagaagt	ctcagaaagg	gtcagcattc	accttcccat	cccagcaatc	1800
tcccaggaat	gaaccatatt	taggccagac	catccacatt	cagaaattcg	aagaccaaa	1860
gcattgatgg	gggaagtttg	ttaaaagttt	gaaaggacag	gtttcaggga	ctggggagga	1920
agctggactt	cctcgtggat	atgcacatgc	aacacatgga	acggttgacg	gtgcagggtca	1980
cggagtatta	cccaaccaag	ggcacctcct	cgccagctga	agcagagaag	aaggaggaca	2040

acaggtattc	cgatttgaaa	accatcatct	gcaactattc	tgagacaggc	cccccggaac	2100
caccctacag	cttccaccag	gtgaccattg	acaaagtcag	cccctatggg	ttttttgcac	2160
atgaccctgt	gaacctgccc	cgaggggggac	ccagttcttg	aaaggttcag	gcaactcctc	2220
cttcctcagc	aacaacgtat	gtggagaggc	ccacggtcct	gcctatcttg	actcttctcg	2280
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tccacagggg	atgggatttc	tgattcagta	tggaccctt	ccaataagcc	catttaaaag	2640
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tgttctcttt	tcagcatggt	ttgcatgact	ttacactata	taaatggttc	ccgctaactc	2880
cttctaggat	aaaaaaaaaa					2900

<210> 3304

<211> 1911

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1881)...(1582)

<223> similar to gill177607 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3304

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cccgtcggac	tctgcggctg	gccaaaaggg	gagggggagc	cccgcgtcct	gggggcccct	120
agcggaaggg	gcggggggtt	cgctgggcat	cctgtctggg	gcactctgtt	gggactctgt	180
tgggtgcctt	cacctggcga	ggggcctgtg	gtgggggtag	gggggaagtc	cctggcgcca	240
tgcttgccca	agccctgtct	tgtctgggct	cgggctggcg	gcgtccaccc	agctcctcac	300
ctgtcccgcg	tcttctgtt	tttcttccct	ttctgggttg	gcagcgagag	ttgagaggag	360
gcagatggct	tccatcccag	aaatcgctct	cctctttcca	tccctacaga	gagggacaga	420
gaggcaaagt	tccttgcac	ccccggggca	ctgtccctgt	gagctcccgg	tgtcctgcac	480
atgtgagccc	ctgagtcacc	gggcctgtga	gtgtgggatg	gggctccgtg	gccagcctgg	540
cctcctgggg	ttcactttgt	gctttctctc	gccaaactct	cctgtgtggc	tttgtctggc	600
ttccactgag	gaggcacata	ggtttggagg	acagatgagg	gcccactgga	gagctgtacc	660
cctcagttag	ggccgcccac	ttgatggttt	ttgatggata	atgggggttg	cctctttgtt	720
ccttccacat	gtttttatgt	ttgaccattt	gtcagctga	gcttgtctta	ataattggat	780
tcatggttaa	tgagccccac	atgggcgaga	gggtggcctt	cattctgaac	ccatttaggc	840
agcacgggca	gccctcctcg	ccatgggcag	gatcagagcc	ccccgcacca	gtcttggggg	900
tgtccttgga	tgtgtctctg	gaggcttgct	catggtgaca	tcctcatctc	cccgtgcacg	960
ttaccgcatt	cagagcttgg	gtcacctgga	cactgaactc	aggtgaattt	tctctgagat	1020
ccggggagaa	ggaggacagt	tctttggaag	gttttccagg	gccgatcacg	gaaaggatga	1080
gaaggagag	gtcctgggtg	gggacacaat	tacagtggca	gtgtaacacc	cggaaacttt	1140
attgcgtgaa	gtccctctca	ctccctctac	ctccttcttt	tacgtggact	ctgccaaga	1200
ccaggatacc	agaatgccag	tggagtgacc	aagtgtagt	ggaccttggg	aacgcgagtc	1260
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tagcgttggtg	cctggcacat	agtgtatggt	ggataaatgg	gacttaggac	taaaactcat	1500
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tgctttggag	gctgagggtg	gaggattgct	ggagtctgga	gggtcgggct	gcagtgaagc	1800
gtggtcggtg	cactgcactc	cagcctgggt	gacaaagtga	gactctgttt	caaggaaaag	1860
agagagagag	agacagacag	atccacaaga	gtcttaagcc	agaatcttca	t	1911

<210> 3305

<211> 5433

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (10)...(2065)

<223> similar to gi5902966 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3305

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gatttcatct	ctcagagctc	ctctgccagt	cccggagggtg	ttgattacat	tttgcattggc	180
agtacagtca	cctttcagca	tgggcaaaac	ttaagtttta	taaatatctc	catcattgat	240
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gcggtccttg	ggcgccacct	agtgagcaga	atcataatag	ctaagagtga	ctctcccttt	360
ggagttataa	ggtttctcaa	tcaaagcaaa	atttctattg	ctaattccaa	ttccacaatg	420
attttatcac	tgggtgctgga	gcggactgga	ggactcttgg	gagagattca	ggtgaactgg	480
gagacagtag	gacccaactc	tcaagaagcc	ttactgccac	agaatagaga	cattgcagac	540
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gactttcttt	ccaccagtgg	atttttcacc	attgctgatg	gagagagtga	agctagcttt	960
gatgttcatt	tgtaccaga	tgaggtacct	gagatagagg	aagattatgt	gatccagctt	1020
gtttctgtag	agggaggagc	cgaactggat	ctggagaaga	gtatcacatg	gttctctgtt	1080
tatgcaaatg	atgaccaca	tggagtattt	gccctgtatt	cggatcgcca	gtcaataactt	1140
attgggcaga	accttattag	atccatccaa	attaacataa	cccggcttgc	tggaaacttt	1200
ggagatgtgg	ctgttgggct	tcgaatatca	tccgatcata	aagaacagcc	gattgttacc	1260
gaaaatgcag	agaggcagct	ggtgggtcaaa	gatgggtgcca	catataaagt	ggacgtgggtg	1320
ccaataaaga	atcaggtctt	cctatcactg	ggctctaatt	tcactttgca	actggtgact	1380
gtgatgcttg	tcgggtggacg	tttctatgga	atgccaaaca	ttcttcagga	agcaaaatct	1440
gctgtccttc	cagtctctga	gaaagctgcc	aattctcagg	tcggatttga	atccactgct	1500
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<210> 3306  
 <211> 895  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (802)...(236)  
 <223> similar to gi3002527 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3306						
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ctaaagcaag	tgttttttct	aactccttga	gctgcatatt	gccttgagta	atcatcatcc	660
ggattgtatc	ctcttcggtg	gcacttttgt	ttcttctgaa	ttcttctctt	gccccatctt	720
tcaggatattt	gcgatcagaa	tcatttggaa	cttgccgaat	tgtttgcaaa	atccttctgt	780
agaggagaag	aacttgttgc	cttcttacga	actgctttaa	cgtttagcgtc	gctgggggta	840
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<210> 3307  
 <211> 2130  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (685)...(1841)  
 <223> similar to gi5524739 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3307

```

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gccgtcgcat cgattataga gattgaggtg gaaccggggg cctgggaact ggacgcacgc      180
ggagggcgaa gatggaagcc tggcgctgtg tgaggaaggg ctacggccac tgtgtggtgg      240
gaagaggccg ataccccatg tttcccatc actcgaggag tctgggcaga gactggacta      300
caccgtggga gaatctgcaa aggtgttgct ggaacagaca tatttctagt tgtatgaggt      360
ggcctggaca ttactctcga gtccttacc catacttcag tagtaggcat ttttcactaa      420
attggagacc accctgtttg tttgagtcta gaactcagtt ccagtactgt aactggagac      480
ctgacaacct gagccagaca tctttgattc atctctctag ttacgtcatg aacgctgagg      540
gagatgagcc ttcatacaaaa cgaagaaaac accaaggtgt gataaagcgg aattgggaat      600
atatatgtag ccatgataaaa gaaaaaacga agatcctagg agacaaaaat gttgatccca      660
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gcaggtacca aaagtagaaa agacagacag tgatctgaca caaacacagc tgaagcaaac     1500
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<210> 3308

<211> 3569

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(2856)

<223> similar to gi219944 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3308

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cgctgccgag	gcgcccgggg	acccgcaggc	ggccgcgtcc	ttgctggccc	ctatggacgt	180
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<210> 3309

<211> 1052

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(653)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3309

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ggacagaggg	cttcgacata	aaatggaagc	aagccttgag	aaggaaccag	gagaccttgg	1020
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<210> 3310

<211> 2575

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2371)...(1792)

<223> similar to gi3874338 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3310

ctgcgggcccc	tgccgggttac	ataactcggtt	gcggggtccg	cgcggtccca	cttccccggct	60
cccttcgcct	ccaggatgcg	ctgagcccta	caacaccccc	agcgggccgc	ggctccccca	120
cgaggtgtga	atgacagagg	tggtgccatc	cagcgcgtc	agcgaggtca	gcctgcgcct	180
cctctgccac	gatgacatag	acactgtgaa	gcacctgtgt	ggcgactggt	tccccatcga	240
gtacccagac	tcatggtatc	gtgatatcac	atccaacaag	aagttctttt	cccttgctgc	300
aacctacaga	ggtgccattg	tggaatgat	agtagctgaa	attaagaaca	ggacccaaat	360
acataaagag	gatggagata	ttctagcatc	caacttctct	gttgacacac	aagtgcgta	420
catcctaagt	ctgggcgtcg	tgaaagagtt	caggaagcac	ggcataggtt	ccctcttact	480
tgaaagttta	aaggatcaca	tatcaaccac	cgcccaggac	cactgcaaag	ccatttacct	540
gcatgtcctc	accaccaaca	acacagcaat	aaacttctat	gaaaacagag	acttcaagca	600
gcaccactat	ctccccattt	actactccat	tgcaggggtc	ctcaaagatg	gcttcacctt	660
tgctctctac	atcaacggcg	ggcaccctcc	ctggacgatt	ttggactaca	tccagcacct	720
gggctctgca	ctagccagcc	tgagccccctg	ctccattccg	cacagagtct	accgccaggc	780
ccacagcctg	ctctgcagct	tcctgccatg	gtcgggcac	tcttccaaga	gtggcatcga	840
gtacagccgg	accatgtgat	gtcggctggg	cagccgccac	caggccccac	ccttcggccg	900
cccgcagagc	ccgccttctt	gtccatctga	ccccttctgt	tttctgcaag	gagctgccag	960
ccatctaact	gggctcgtcg	gcctgcccc	gctgcaggcc	cggtgctaca	cgggctcggg	1020
aacagaacat	cgtgggcatg	cgagagcat	gccatccgt	ggcaggtacg	ccacagcaga	1080
cacaaaggct	cttcagctcc	cctccctgct	tctggaaacc	tctgcctgct	gccttgccc	1140
tgccccctg	cgcagtcacc	atccccaggg	ctgaccagt	gtggctgcat	tcaactggag	1200
gggctgccc	tcaactggcc	tctcccactc	cgctgcctgt	tcttgagct	ccttccctga	1260
aagctggagg	ggactttctc	ctgcaaggga	ggaacgcaag	tattatggac	acacttgacc	1320
gtaaaggcac	aggagcctcg	gaacaagggg	gcgcaataaa	gggaatggcc	cgtccccctt	1380
cagaaccagc	ccaaagaagc	ctgggggggtg	aggagtggcc	cccactcctc	catgaggggc	1440
tgatgagggg	tgggcagcct	gggggaggct	ttcctcgcaa	gcacagagct	ctgaggctca	1500
gccccctggc	acaggcggtc	acgcctcagg	acggttctta	ctcctcagca	ccttccgtgc	1560
agttaccagt	gccctgggag	gtcacactgc	ccgtcggacc	ttggcatgct	ccattcagct	1620
gacctgctga	ggacaggcat	cgccgagact	ccttgggtcc	tccccgccct	ccctcatgct	1680
gccacaagct	gctgctccaa	ggcctggcca	catgcagaca	ggaggaagct	gagctcgaca	1740
ttaggcctca	aggctgccat	ctgtcttgta	gggcctggcc	ttgtgggcag	ggggcagtc	1800
tgtgccttgt	gggcccctag	cctctgaggg	cagagatgct	gtcagtgcgc	caggtgcac	1860
acatacttct	agcatcctct	ccaccctgca	ttccaaatgc	tgcttgctgc	ctgcccctgc	1920
ctccgatgca	ggggtggggg	gggggcggag	tcccgcag	catagctgca	gtgtcacaaa	1980
gccatggcag	agggtcctag	cggcgccacc	ctgcccagc	ctgaggagga	gggagaggga	2040
ggaacaaccc	tgggcagacg	gggtctcagg	gacctgtgtc	cttccgcctc	cagagctgcc	2100
cagccacggg	ctctcagggg	gctggggcag	ccccaggctc	cctcttgaac	tcagctgggg	2160
ccagggggccc	tcagaatgaa	ggcaggcacc	aggcaggagc	agcatcccc	tccttgacgg	2220
tgctggcagg	agggccgcgc	catgctgact	gcttgaacct	ctgctgacct	gacagtgtg	2280
gcgggagggc	cgcacccatgc	tgactgcctg	aatctctgct	gaggctgcct	gcctgcccgg	2340
cccagctcag	cgccctctcc	actgcgaatc	agtggcgatc	atgtgatttc	tatttctgcc	2400
ccacagggta	agggacgagt	cttctggaag	gctctgccat	ggacatttgt	cctcgggctc	2460
agaggcccca	ccctgcccc	cacctgcccc	taatcactgc	agtgctccagc	ccagtgttga	2520
acagattgta	gcgttctgtc	tcattacgag	caaataaata	gactttcatt	ggaaa	2575

<210> 3311

<211> 408  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (409)...(131)  
 <223> similar to gill177607 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3311

gcaaattaag	acaggagcag	ctcctgggag	aagcagacac	caaacaatac	ggctgctggc	60
ccagaggtca	aaaaccatgg	cctagagggg	gcggtcagga	agtgggacat	taggccgggc	120
gtggtggccc	atgcctgcaa	tcccagcatc	tttggaggcc	aaggcaagtg	gatcacctga	180
gttcaggagt	ttgagaccag	cctggccaac	atggtgagac	ttcgtctcta	ctaaaaatac	240
aaaaaaaaatt	cgctgggctt	ggtggcgggg	gcctgtaate	ccagctactc	gggaggctga	300
ggcacaagaa	tcccttgagc	ctggggaggc	agaggttgca	gtgagccaag	atcgaccac	360
tgcactccag	cctgggcaac	agagcaagac	tccatctcaa	aaaaaaaa		408

<210> 3312  
 <211> 1931  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1774)...(1255)  
 <223> similar to gi3212854 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3312

tttttttttt	ttgggtgttt	tattatttat	ttacttgaca	ggtaacatcg	atttggctct	60
acaagacacc	atgctatagg	cttagctact	tgctgttgca	caagagaact	ttcctgaact	120
ctcaggaagc	ccttgcatgg	cctatcgagg	acagctcagt	caactgaagg	aaaaattcca	180
taccaagaa	gagagaaaaa	ttccatacca	aagaacagac	ttccccagg	gaacctccgt	240
cctacagccc	ttcagggcca	tcacactcac	acacatcagc	catcatcaaa	atagtggcca	300
tgctgggaag	aacaggagtc	ctgaactaga	aggtggtctt	caaaccatgg	cgtaccgatt	360
tatgtatatt	acagatagat	aaattaagag	gtctacatga	ataaaaaatc	tctcaaaggg	420
gaacgaattc	cattctgtca	tgccagggtg	ttgtcagaac	cttgaaaacg	aaggtgggtt	480
tcagtggagc	ttgtattaaa	aatagaaggt	atattatacac	aggccctgct	cctctcatgg	540
ccatgaaatc	ctctggtgtt	gtcaggaccc	ctgggcaacc	tcagcaccac	tacgggtagc	600
ccatctgcag	tctgcatctt	ccgggagagc	aggggactcg	taccggggct	tttctcctgg	660
gtccccatct	cggcttggcg	acgcctccgg	acccaggggc	tgccagaggg	agtgacgctg	720
ctgtcagagg	aataatccat	acacttgccg	aagatctcag	ggctggtgct	gcagttcagt	780
ctaccttctt	ccgccagtgg	ggactttctg	gaaacgcctt	tgctgtgggc	caaggggctg	840
ctccaaggac	ttgtgcacgg	ggaggcattt	ggactcagaa	agagattctg	gtggccagac	900
gggctgagct	tgttgggtgg	cgcgtgccgt	cggcccggca	taggggatgt	ggggttgctc	960



tcgggggtcag	aggagctgtt	ggcagaagac	tcatacacca	tgtactgaag	ctcctcgact	1020
ctcttggttca	gggacttggt	caggtggatg	ctcgcagtgg	gctcctcgtc	atgatttttg	1080
tctttggcag	gtttcttttt	gggtggcttc	ataccaatca	ggacagcttt	catgtttctt	1140
ttgccctgag	attctgtgat	catgaactca	tgggctttga	tggctgcttc	cacctcctcg	1200
aactccacga	tggcacactc	ctgggtcccc	acttggctgt	agcggctgct	gacccctcgg	1260
atgtcagggg	gcagctctct	cccaggtttg	aggatccgca	ctgatgagat	gactccaaaa	1320
gtcccgaaaa	gcttgagcag	gtgttccatc	accttctctt	gcacccttcc	attcttcttg	1380
ggggtggcca	gagcccacag	cttaggagac	aagtagagat	catagcccag	gagcatcttg	1440
ctggggaggt	tctcgttggg	gaacagtggg	acgggggtgg	tcctcctcac	cttcgggtgg	1500
tcctcattca	actcaaggac	cactgaatac	ttcaaagcat	gtgctgtggg	tctccagtcc	1560
cgtgtaagat	gtttcacctt	tttgaaggat	gtgagtgc	taacgctcac	atatcccagc	1620
ttgttctctc	tcacgtgttt	tagcaaaaag	gcgtccttct	ccaggttttc	atcagaaaag	1680
tagaattaaa	tctggtccac	cagtttcttg	atcaactcct	catccggggg	cttccactcc	1740
tgtccaggt	cctcacgctc	gttctcacct	ccacttgcag	tgggtgccact	gtgcccgcgg	1800
ctcggtcct	cctcgctcgc	gctgccccag	ccggggctga	ggtagccggc	cgggtccccg	1860
gcgccccgag	tctccgcccc	aacctcatcg	tcctccaact	cgtagcacgc	ctcggcctct	1920
tggcctcgtg	c					1931

<210> 3313

<211> 511

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (24)...(155)

<223> similar to gil799988 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3313

gaattcgagc	tcgcgacccg	gagatccgta	accgtgagaa	gacccatcat	tatgcccga	60
tgggttacac	agaatattat	gaatggccgc	ggcgtaatac	gtctggatga	tgtaaatcgg	120
ccaaaaagcc	cggaaatcaa	gaacgatatt	cgtctgttcc	gccaggagct	gcgtgatgcc	180
gcttatcatt	tccagggcga	tgccgacaac	gatacagctt	ctgtaacgcc	gctagtgggg	240
ctggggaaat	cgagtctgtt	gaacaagacc	attttccatc	ttatgccttg	tgccgagcag	300
aaactaacca	tctgtacgcc	atacttcaac	ctgccagcaa	tccttgtgcg	caatattatc	360
cagttgctgc	gcgaagggaa	aaaggtcgaa	attattgttg	gtgataaaac	cgcaaatgcc	420
ttctacattc	cgtacgatgc	gcctaacatg	ataatcgga	cgggtgcttca	tctctatacg	480
atgtacgggt	cgcgacattg	aattcgtaat	c			511

<210> 3314

<211> 1227

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (13)...(270)  
 <223> similar to gil710216 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```
<400> 3314
cagtttttttt tttttttttt tgctgcatga ttttattact ataaatatac agtaaaaacg      60
aaccaacgat gagcccatct gagcacatca gacggcagca catgggagtc ccagcgggcc      120
actctgcggc ccgaacttca cgcaaagctc tggcaccagg actgatggcc agaggctggg      180
gccttggtgg gggcgggggg cgggcgggtg agggggctgt gtgtgttgtt ggggagaggt      240
gcatgggggg agagaggtgc ttgggggtgg gtagaggtgc gtgggagatg ctcggtccga      300
gtgcacacac atgcatggga acatgtgcag gagtatgtgc gtgtgtgtat gcgtgacagc      360
atgtgtgagc gtgagtgtgc atgtgtgaac gtgtgcgtga gcatgtgcaa gtgggcgtgc      420
atgtgtgtgt gtgtacgtgt gagcgcctct gcgtgcctgt gcacgagcgg gaggggtggc      480
tggcctgggt gtgcagggag ctgggtgtga ggaccgtgct gtccactgct gggctctgcc      540
caggaggcag agctcatgct cggagccacc gtgagcctca gggagggtac tgagctgccc      600
cacagccgac ctgtccccag gccccactg cagggcagcc ctccagagcc aggtgagcag      660
cagacacctt gcctggccca aggtccgca ggggtggatc catgccctgg gtcaccacgg      720
cccaggcaact ccctttgcc tctgcggccc caggagggtt acctataaaa aaaacaaaca      780
aacaacaaaa caaacagga cgaggtcgcc cagaggccaa gcctccccgg cggggacccc      840
attccccagg tgtgctgctg gcttcctcct ccctgggccc agcctgccac agaaagcctg      900
agacagaaca aaccaaatac gagagaactg caagggggcc gggcgcgag gctcacgct      960
gtaatctcag cactctggga ggccgaggca ggtggatgac cttaggagtt tgagaccagc     1020
ccggccaaca tggtgaaatc cttctctac taaaaataca aaaaaattag ccgagcatgc     1080
tggtaggcac ctgtaatccc cagctactca ggagcctaag gcaggacgat cacttgaacc     1140
cgggaggcgg aggttgagcgt gacccgagat tgagccactg cactccagcc tgggcagcaa     1200
gagtgaact ccactcaaa aaaaaaa                                1227
```

<210> 3315  
 <211> 1504  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1401)...(1143)  
 <223> similar to gil872200 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```
<400> 3315
gacttccgac gagctgggtc ggggacacgg tgaagaggct ccagcgggac ctgcccatca      60
gtcctgggcc aggaggggct ccaagcagca ccagcgggtc cgggggagtc tcagaccggg      120
catgcgtggc tggcagacct gggagagcca gggcagggtt ttgcgttcag agaaggattg      180
ccccagagac ccgtggtgga cttcatgggt gctgagtggc ccgtgtgaca gtgatgacac      240
gaaggcttcg gcgtttgagt ggggtgcagg gcacgccagg gcttgggtgct tccctgctg      300
gccctggagg gagctgggtg gcctggcttc aggggaagac aggagccagg acacacgtca      360
gccagcagg tgtggggggt gctgcagccc tcggcagtgg ggtcaggccc tgggggatgt      420
```

ttccaatggt	gggcagcctg	gccaggccgg	agaagacatg	ttcacgggca	tctatcagat	480
gcccccttga	ggaggctgag	ttatttgagg	gctgctgcaa	agtacgctag	gctcaaattc	540
tcttttccca	gccagagccc	tggccacacg	gactcagagg	ggccaccggg	gtggggaaaag	600
gacctctccc	ccaccccccg	cagccactgg	cctccagctc	tcggccacag	aatggcctct	660
aaggctgact	cagccgctcc	cttgggctgt	ggcagcagga	ggcgggggct	ctgggtcagg	720
ccccggagcc	tgtgcagctt	gcccattggc	ctaggcagcg	aggggacagc	ctgggggact	780
tcctgcctag	gcaagggtcat	tggccggggc	tggcctgtgg	atagtggggc	cagggggccg	840
cccaggccaa	atgagtgtccc	tccttgttat	gacaccaagt	gactacaagg	gaggcaagac	900
ccctccaggc	ctctcagccg	acactgggtc	ccaccacaca	cagtgtactgt	gccgtgcagt	960
gcagggttctg	gccttttcc	tgaaggcatc	tggtagaccc	gaagccacgc	tctcggggcg	1020
cacatgcacg	ccgcagcacc	agctgccctg	agctgcttgt	acaaccaaac	acctttcccc	1080
tcttctccag	ctgtaacctg	gagagtcagc	catgccttgt	cttttgttct	cataaatagt	1140
cactggggcc	gggcgcagtg	actcacgcct	gtaatcccag	cactttggga	ggccgaggtg	1200
ggcggatcac	ctgaggtcag	gagttcaaga	ccagcctggc	caacatgggtg	aaaccccgtc	1260
tctactaaaa	atacaaaaat	tagctgggtg	tggtggcggg	cgctgtaat	cccagctact	1320
cgggaggctg	aggcaggaga	atcgcttgaa	cccaggaggt	ggaggttgca	gtgagccgag	1380
atcgcgccac	tgcactccag	cctgggtgac	aagagtgaat	ttctgtctca	aaaaataaat	1440
acataaataa	ctaagactca	gagagtacag	tcaagatatt	aatagtcaaa	agttgtcgca	1500
acag						1504

<210> 3316

<211> 445

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (419)...(143)

<223> similar to gil872200 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3316

cagtccttgt	tccccagga	agggtgtgtg	ggccccagca	cacacttggg	attatgtgta	60
tacataaata	aatattgggc	tgtttccctc	ttcctgtgaa	gtggttctca	aattcctatg	120
tactgtaaag	ctgtaccctt	aaaagtacag	atgtggccgg	gcacagtggc	tcacgcctgt	180
aatcccagca	ctttgggagg	ctgaggcggg	tggtatcactt	gaggtcagga	gttcaagacc	240
agcctggcca	acatggtgaa	acctcgtctc	cgctagaaat	acaaaaatta	gccaggcgtg	300
gtggcgggca	cctgtaatct	cagctactcg	agaggctgag	gcaggagaaat	ctcttgaacc	360
tgggaggttg	agattgcagt	gagccgaggt	cgtgccattg	cactccagcc	tggacatcaa	420
agtgagactc	aggccaaaaa	aaaaa				445

<210> 3317

<211> 1198

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (174)...(803)  
 <223> similar to gi3169037 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3317

aaaatctttc	ctctaaagtc	aaactgttgc	agttgtattc	agaggccagt	gtagcgcttc	60
taaaactgaa	taacccaag	gattttcaag	aattgaataa	gcaaactaag	aagaacatga	120
ccattgatgg	aaaagaactg	accataagtc	ctgcatat	attatgggat	ctgagcgcca	180
tcagccagtc	taagcaggat	gaagacatct	ctgccagtcg	ttttgaagat	aacgaagaac	240
tgaggctactc	attgcatct	atcgagaggg	atgcaccatg	ggttcggaat	attttcattg	300
tcaccaacgg	gcagattcca	tcttggtga	accttgacaa	tctcgagt	acaatagtaa	360
cacaccagga	tgtttttcga	aatttgagcc	acttgacctac	cttttagttca	cctgctattg	420
aaagtcacat	tcacgcgcatc	gaagggctgt	cccagaagtt	tatttaccta	aatgatgatg	480
tcattgtttgg	gaaggatgtc	tggccagatg	atttttacag	tcactccaaa	ggccagaagg	540
tttattttgac	atggcctgtg	ccaaactgtg	cagagggtcg	cccagggtcc	tggattaagg	600
atggctattg	tgacaaggct	tgtaataatt	cacctgcca	ttgggatggg	ggggattgct	660
ctggaaacag	tggagggagt	cgctatat	caggaggtgg	aggtagctggg	agtattggag	720
ttggacagcc	ctggcagttt	ggtggaggaa	taaacagtgt	ctcttactgt	aatcagggat	780
gtgcgaattc	ctggctcgct	gataagttct	gtgaccaagc	atgcaatgtc	ttgtcctgtg	840
ggtttgatgc	tggcgactgt	gggcaaggta	tgtttactgc	caaacaaata	agaatgggag	900
cataaaacat	ccttgacagg	tagagagagt	tttgaatggc	ttttgttatt	taaaataatg	960
attctctgtg	tatcccttta	ccagccttgc	attcaaacta	gttatgaaag	taagagaaca	1020
acataaatca	ctgaagagga	tcttttctgt	ttattgttgc	agtctggtgt	tttgttttgt	1080
tttgttttgt	ttggaccaag	cagatttacc	ttagctgaaa	atatgtggtg	aagttttaat	1140
ttggaaacaa	aaaaggatat	caataattca	ttaataaag	atgggtcaaa	cactggaa	1198

<210> 3318  
 <211> 1031  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(668)  
 <223> similar to gil321816 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3318

ctactactgg	cctgccgcag	catggactgt	tacctggcca	ttgtccatgc	cacacgcaca	60
ctgacccagc	agcgccactt	ggtcaagttc	atatgtctgg	gtttgaggaa	cctgttctctg	120
ttactgtccc	tacgcatctt	gcttttccga	aggaccttct	acccatccaa	tgtagccca	180
gtctgctatg	aggacatggg	caacaatata	gcaaactggg	ggatgctgtt	acggatcctg	240
ccccagtcct	ttggcttcat	cgtgccgctg	cgatcatgct	gttctgctac	agattcaccc	300
tgcatagcgt	gtttaaggcc	catatggggc	agaagcactg	gaccatgtgg	gtcatctttg	360
ctgatgccct	cattttctctg	ctctgctggc	tggcctacaa	cctggacctg	ctggcagaca	420

cctcatggg	aaccagatg	accaatgaga	cctgtgagcg	ccgcaacgac	atcaaccagg	480
cctggatgc	actgagatt	ctgggcatcc	ttcacagcta	cctcaatccc	ctcatctacg	540
ccttcattgg	ccagaagttt	tgccatggac	ttctcaagat	tatagccata	catgggttga	600
tcagcaagga	ctccctgccc	aaagacagca	ggccttcctt	tggtggctct	tcttcagggc	660
acacttcac	tactctctaa	gacctcttgc	ctaagtgcag	acccgtgggg	ttcctccctt	720
ctcttcacag	tcacattcca	agcctcatgt	ccactagctc	ttcttggtct	cagtgtcagt	780
gcagccccc	ctgtggtcgc	aggaagcaga	ggaggccacg	ttcttactag	ttcccttgc	840
atgattttaga	aagcctgccc	tggtacctca	ccccttgcca	taattactac	atcacttgct	900
ggagctctgt	ccctcctgcc	cttgagctca	tggcactcta	tggtctaaga	agtgaaaatc	960
tacactccag	tgagacagct	ctgcatactc	attaggatgg	ttaatgtcag	aagaaagaaa	1020
atcataaaat	a					1031

<210> 3319

<211> 2416

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2417)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2383)...(2122)

<223> similar to gil872200 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3319

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<210> 3320

<211> 5020

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5021)...(902)

<223> similar to gi4589538 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3320

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<210> 3321

<211> 1540

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1495)...(959)

<223> similar to gi929619 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<210> 3322
<211> 1421
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1401)...(393)
<223> similar to gi214868 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<210> 3323
<211> 2351
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2352)
<223> n = a,t,c or g

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<220>  
 <221> misc\_feature  
 <222> (2)...(1461)  
 <223> similar to gi5708210 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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ggggcagctg	caccgtgggc	gtggtgagcg	aagatgtgca	gcggaagggg	gagcttcggc	1200
tgcggccaga	ggagggggtg	tgggctgtga	ggctggcttg	gggcttcgtc	tcggctctgg	1260
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tagaaatgac	tgctttagaa	gatgggatgg	ggccgggtgg	taagggatag	aagagaggac	1620
tctcaatcta	ctgatcaagt	cctttcccca	atgccagtg	gatggccagg	gtacctgggg	1680
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aagagctctt	gggaagacag	agaaacataa	agaggaaatt	acagcacagt	gtggtgggtg	2040
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gaaggagagg	gtgagtgggg	gatggctttc	tgaaaagggt	ggtctaaagg	atgcctatgg	2160
tcaatagggg	aaagaggggg	agaagcatct	taagaagagg	aaacagcaga	gnactggctg	2220
gatgacctgt	gactttggag	cactgggttg	tctccattgt	cattatgggc	agatgtgtgc	2280
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attaaggtgc	a					2351

<210> 3324

<211> 1828  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1506)...(248)  
 <223> similar to gi3873743 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3324

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aaatcctgca	caaatccttg	tattacagtt	gcacatccct	cttcctcaga	cttgccatgc	120
ttcctctttc	ctcttgctac	agagcctggt	gcacatctct	tccctctccc	ctttgccgag	180
ttagtctctg	cttatccttc	tggatctccg	tttaagaatc	acctccgaga	agccttcctt	240
ggggccttcc	cgtgtggctt	gtggctcaat	catgatgttg	ataagagaag	gtttagttgt	300
gtctgcctag	gctctgcctc	agggattttt	ggagttcttc	tgggtgtttgt	acaaaatacc	360
ctttgcctcc	aatgacagtc	atgacttgct	cataatgtga	atttggcagc	aaacacattg	420
gagggaccac	tgcagtagca	tcttgaaatt	tttaacatttc	tttccaagta	tctgtatcaa	480
aaccttggtg	aattccattg	ttattcacta	ccaacagtat	gattggcaag	ttgtacctgc	540
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ctgcacagat	atcaacctaa	aaaagagaca	aggctggata	aacttcacat	ctggctgata	1080
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gacaacaccc	ttccccatag	gggtgggcaa	aatggcagc	ttatattgct	ccaccaattt	1260
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taatatgtac	tttcatctgc	ttcctaatt				1828

<210> 3325  
 <211> 832  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (609)...(417)

<223> similar to gi3510234 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3325

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ttcgggggtgc	tctttggagg	gcgtgtttgt	tgaaaaacca	cccccaacc	cctgcccgcc	180
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gggtgcctga	gctgttttct	ttcccatttg	gcaacagtga	cgggcgcctca	gcccccgggc	360
gttctgtgca	aacgtagggt	ttcctgcggg	tcatcatgct	aggagggagg	ttgttggggg	420
tgctcgtgct	gtccttccgc	cgctctggga	tctctgcctt	gttgggggtg	tgggcgctgc	480
tgaccatggg	gctgaagggg	gggcagccct	cgactcccac	tccccgcggt	gctgcagctc	540
gccttccggc	ctggcagccg	ctcctccttc	agctccgcct	cccccgctgt	cgtcgggctg	600
cgtttggggg	gcaggggtgc	aggggatggg	ccacctgggg	gaggggggtac	cgtttagagc	660
tggcatcacc	acggaaaccc	agaactgact	ctgggggatc	gttggaaacct	gagaattcct	720
cacgtgggtt	gcaatctctg	tgtgggccat	tctgacaata	tctgtcaaaa	ttacctcaag	780
attaccaacg	cacatatact	gacttagaaa	ctccaaatca	atgacatcat	gc	832

<210> 3326

<211> 5866

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5867)...(3480)

<223> similar to gi4098628 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3326

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tcttttctag	ggcaattcaa	gaaggtaaca	tttgaaaggt	ttctaaatga	tgacactgt	180
aatcattcat	tcttttttaa	aatacaacac	aaaccaacag	ctacaatgct	ttttattttt	240
aacaaaaagg	atgtaaggag	ggtaagaaaa	acagaggaca	gtaagatagg	atgtaaagt	300
tgatgtatct	ctggacacca	tccctctctg	cctgccccac	acccaaaagt	tttaaataat	360
ttaaaggata	ccaattacag	taccagaaca	ccatcaaaat	aattgtcttt	atcagggtca	420
aaaaatacag	tgattatgaa	tgagctgtga	ccagttacga	aattttactg	gaaatgttta	480
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gagatgtata	taaaaaatac	aagggtgttt	tttcaaatca	ggagttgtgg	gactaccatt	720
cttttttttt	tttttctttc	ttttcttaca	aaatgcgatt	ttagaaaagg	atagagactc	780
cagttcatgt	tatactacag	acttagacag	tgaataagta	tattgcatgt	tttggtagtc	840
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<210> 3327

<211> 6086

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(3488)

<223> similar to gi3043606 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3327

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tcagaagagg	ttggccacct	cacagaacac	tccgtggtca	tcggaacaaa	gtcacatggt	420
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tgtgtttaat	taaaccattg	tattga				6086

<210> 3328

<211> 2698

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(792)

<223> similar to gi3885470 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3328

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acttggaaaa	agaggacctc	tcagaagact	cacaatctag	catgattaag	catgtcgctt	180



ggctaattctt	caccaattgc	atctttttct	gccctgtggg	cgtttttttc	atttggcacc	240
attgatccac	tggcaatctc	ttatcaggcc	ccggaaataa	tggaagtctg	ttactctgat	300
atTTTTTcca	ttgcttgctt	gcctgaatcc	agtcctgtat	gttttcttca	acccaaagtt	360
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cacttgccat	ccttgacata	agagaactat	aaattttgtt	taagcaattt	ataaatctaa	1380
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gccatattag	ttattctgaa	tatactaaaa	aaatccagct	agattgcagt	ttaataatta	2160
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atTTTTattca	tttaaaaaact	agaataacag	atatataaaa	gtgttaaatct	ttgtgctata	2640
tggatatgaaa	tacaatattg	tactcagtg	tttgaattat	taaagtttct	agaaagca	2698

<210> 3329

<211> 645

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (471)...(299)

<223> similar to gi4567200 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3329
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gctgtgggta gggataactg ttcccacagt agacctatta ccaacatgag ttgctgggctt      120
tcatttaata ggactccaag ctggcaaaca aacccacca tcttcccaac agccacatca      180
tgagatctag cagcaccagc ctcttgaagt ggcttctcag tggaagggtt gctccgtttc      240
agtgaagctt ctctctcaaa gctctgacgt caccagggtg cccctcgagg gtctggatag      300
actgtccgaa aggtcagggt cactctcggt tctctagagt ggtattcttt gggcactcga      360
tgctgccagt cagcttgtgt cgctccttcc atgattaaca aggtcccatg atccaagggt      420
atcttcactc ttccacata tgtgtagtct ccattctctt cctagaaaac agcatttgtt      480
gtaataaatg ttttgctgt gtaatcaaga tgcaacagaa cctgacagag gtcaaaaaaa      540
aatggaaacc tctgtctcag cagactgtgg gaatccatat atagctctgt catttggcag      600
ctgcttgact gttggcaagt tacctcatct ctctgtacce tgact                      645

```

<210> 3330

<211> 2149

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2151)

<223> similar to gi2224675 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 3330
gctttgtttg atggtgatcc acatttatcc acagagaatc ctgccttggg tcttgatgct      60
ttgctagcct cagacacttg tctggatata agcgaagctg cctttgacca cagtttcagc      120
gatgcctcag gtctcaacac atccacggga acaatagatg acatgagtta actgacatta      180
tccgaaggcc atccggaaac gccagttgat ggggacctag ggaagcaaga tatctgctca      240
tctgaagcct cgtggggtga ttttgaatat gatgtaatgg gccagaatat cgatgaagat      300
ttactgagag agcctgaaca ctctctgtat ggtggtgacc ctcttttggg ggaagattct      360
ctgaagcagt cgctggcacc gtacacacct ccttttgatt tgtcttatct cacagaacct      420
gcccagagtg ctgaaacaat agaggaagct ggtctccag aaggatgaat ctctgggatg      480
cagagcagca gagatagtgc tttctgcact tctgatcga agaagtgaag gaaaccaggc      540
tgagaccaaa aacagactgc ctggatccca gctggctgtg ctgcatattc gtgaagacct      600
tgagtccgtt tatttgcggg taggagcagg ctccaacatt ttgtctccat caaacgttga      660
ctgggaagta gaaacagata attctgattt accagcagggt ggagacatag gaccacaaa      720
tggtgccagc aaggaaatac cagaattgga agaagaaaaa acaattccta ccaaagagcc      780
tgagcagata aaatcagaat acaaggaaga aagatgcaca gagaagaatg aagatcgta      840
tgactacac atggattaca tacttgtaaa ccgtgaagaa aattcacact caaagccaga      900
gacctgtgaa gaaagagaaa gcatagctga attagaattg tatgtagggt ccaaagaaac      960
agggctgcag ggaactcagt tagcaagctt cccagacaca tgtcagccag cctccttaaa      1020
tgaaagaaaa ggtctctctg cagagaaaat gtcttctaaa agcgatacga gatcatcttt      1080
tgaaagccct gcacaagacc agagtggat gttcttgggc catagtgagg ttggtgatcc      1140
atcactggat gccagggact cagggcctgg gtggtctggc aagactgtgg agccgttctc      1200
tgaactcggc ttgggtgagg gtccccagct gcagattctg gaagaaatga agcctctaga      1260

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<210> 3331

<211> 2683

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2684)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (3)...(1352)

<223> similar to gi5262644 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3331

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gcctcaagaa	taaggatgtt	gctattattg	aactgaatga	aatgaagaa	aaccaagtaa	180
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gttggatgtg	tccagagcct	gcatcagaaa	gggaggactt	ggtatatatt	gaacataaat	360
catttactaa	attgtgcaag	gagcatgatg	gagaatttac	tggcgaagac	gaaagcagtg	420
cacatgcact	agaacggaag	agtgacaacc	ccctagatat	agctgtaacc	aggctggctg	480
atttggagcg	gaacattgaa	agaagaattg	aagaggatat	tgctccaggg	ctcagggtat	540
ggagaagggc	attatcagaa	gctcgcagtg	ctgcacaggt	agctctgtgc	attcagcaat	600
tacagaaatc	aatagcatgg	gaaaaatcaa	ttatgaaagt	ttactgccaa	atctgtcgaa	660
aggagataa	tgaagaactg	cttcttcttt	gtgatggctg	tgacaaagge	tgtcacacct	720
actgccatag	acccaagatt	acaacaatcc	cagatggaga	ctggttttgt	ccagcttgca	780
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ctaagtgtgg	aaatggttct	cctttccctc	tcaataaata	tctatttttc	atttttttac	1740
ttttagtatt	atttttttagt	gaatgtattt	aattttatga	attatttatg	attaaaccac	1800
atccagaatc	ttcgttttct	gtgaaaagga	agaactagaa	aattgcttta	aatcttgga	1860
aatacaaggg	aatgttttaa	aatataaaac	aaagccaagt	taaactgttt	acactggatg	1920
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gtatatattg	tttgagaca	ttattgttca	tgccttagag	gattgtagca	ttttattttc	2160
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ttcttttttt	aggagtgtta	tttttcta	tgtgtggcac	ggatacaata	aaagactttt	2640
acaaactaaa	aaaaaaaaaa	aggggggggc	cgttttttat	ata		2683

<210> 3332

<211> 2865

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2416)

<223> similar to gi5596370 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3332

atggagcggc	tttgggttct	attccagaga	gcgcaacaac	tgtccccaag	atcctctcag	60
accgtctacc	agcgtgtgga	aggcccccgg	aaagggcacc	tggaggagga	agaggaagac	120
ggggaggagg	gggcggagac	attggccca	ttctgcccga	tggagctgag	gggcctgag	180
cccctgggct	ctagacccag	gcagccaaac	ctcattccct	gggcggcagc	aggacggagg	240
gctgccccct	acctggctct	gacggccctg	ctgatcttca	ctggggcctt	cctactgggc	300
tacgtgcct	tccaggggtc	ctgccaggcg	tgcggagact	ctgtgttggg	ggtcagttag	360
gatgtcaact	atgagcctga	cctggatttc	caccagggca	gactctactg	gagcgacctc	420
caggccatgt	tcttcagtt	cctggggggg	gggcgcctgg	aggacaccat	caggcaaacc	480
agccttcggg	aacgggtggc	aggctcggcc	gggatggccg	ctctgactca	ggacattcgc	540

gcggcgctct	ccgcgcagaa	gctggaccac	gtgtggaccg	acacgcacta	cgtggggctg	600
caattcccgg	atccggtca	ccccaacacc	ctgcactggg	tcgatgaggc	cgggaaggtc	660
ggagagcagc	tgccgctgga	ggaccctgac	gtctactgcc	cctacagcgc	catcggcaac	720
gtcacgggag	agctggtgta	cgcccactac	gggcggcccc	aagacctgca	ggacctgcgg	780
gccaggggcg	tggatccagt	gggcgcgctg	ctgctggtgc	gcgtgggggt	gatcagcttc	840
gcccagaagg	tgaccaatgc	tcaggacttc	ggggctcaag	gagtgtcat	ataccagag	900
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ggacatgtgc	acctgggaac	tggagacccc	tacacacctg	gcttcccttc	cttcaatcaa	1020
accagttcc	ctccagttgc	atcatcagge	cttcccagca	tcccagccca	gcccacagt	1080
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gtcaacaatc	acaggacctc	cacccccatc	aacaacatct	tcggctgcat	cgaaggccgc	1260
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gctaaatccg	ctgtggggac	ggctatactc	ctggagctgg	tgccgacctt	tctctccatg	1380
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gacgagcgac	tgacacgcat	gtacaacgtg	cgcataatgc	gggtggagtt	ctacttctt	2160
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tgtttcacct	gggacgcttg	caagggggca	gccaatgcgc	ttagcgggga	tgtctggaac	2400
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cctagagacc	actctgggag	gtttgctagg	ccctgggacc	tggccagctc	tgtagtgagg	2760
agagatcgct	ggcaccatag	ccttcatggc	caacaggtgg	tatgtggtga	aaggggcgtg	2820
gagtttcaat	atcaataaac	ccacctgata	tcaataaaaa	aaaaa		2865

<210> 3333

<211> 1716

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4)...(1478)

<223> similar to gil334149 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 3333
ggcaaggcga ggcgaaagct gcacagggcc ctacgcggcc gcctcagcat gtcggacttc 60
gacgagttcg agcggcagct caacgagaat aaacaagagc gggacaagga gaaccggcat 120
cggaagcgca gccacagccg ctctcggagc cgggaccgca aacgccggag ccggagccgc 180
gaccggcgca accgggacca gcggagcgcc tcccgggaca ggcgacgacg cagcaaacct 240
ttgaccagag gcgctaaaga ggagcacggt ggactgattc gttccccccg ccacgagaag 300
aagaagaagg tccgtaaata ctgggacgtg ccacccccag gctttgagca catcaccca 360
atgcagtaca aggccatgca agctgcgggt cagattccag ccactgctct tctccccacc 420
atgacccctg acggtctggc tgtgacccca acgccgggtg ccgtggtcgg gagccagatg 480
accagacaag cccggcgccct ctacgtgggc aacatccccct ttggcatcac tgaggaggcc 540
atgatggatt tcttcaacgc ccagatgcgc ctggggggggc tgaccagggc ccctggcaac 600
ccagtgttgg ctgtgcagat taaccaggac aagaattttg ctttttttga gttccgctca 660
gtggacgaga ctaccaggc tatggccttt gatggcatca tcttcagggy ccagtcacta 720
aagatccgca ggcctcacga ctaccagccg cttcctggca tgtcagagaa cccctccgtc 780
tatgtgcctg gggttgtgtc cactgtggtc cccgactctg cccacaagct gttcatcggg 840
ggcttaccga actacctgaa cgatgaccag gtcaaagagc tgctgacatc ctttggggccc 900
ctcaaggcct tcaacctggt caaggacagt gccacggggc tctccaaggg ctacgccctt 960
ctgtgagtac gtggacatca cgtcacggat caggccattg cggggctgaa cggcatgcag 1020
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ggtgagcccc ccgagcacca tcaatcagac gcctgtgacc ctgcaagtgc cgggcttgat 1140
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cgaggtgccc ggctgcggaa agatctttgt ggagttcacc tctgtgtttg actgccagaa 1380
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cagggtctgc tgggggcttc tccccactcc cgccccccc cttatcccc tctgaagacg 1560
atgggcagag gagtgacagc cgcagacaca cgacagccgg cagcaactgg aatggcagca 1620
attaaggggt gggagcgggg gttgggggggt tgggggggta gggcagggag gggactgggg 1680
aagtgcgcac acagccccac acagacaaca cgcacg 1716

```

```

<210> 3334
<211> 1032
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1035)...(242)
<223> similar to gi950115 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3334
cttttcacaa aagggattaa attggggaac ccccggtttt tccccacccc ccggtttttaa 60
aaaccggggc caggaattta attttggggc ccataaaaa aaattttacc ttgccaaccc 120
ccgggggaaa aaattggatc ctttaaaagg gccccccctt tttttttttt ttgctattaa 180
tcttgccaca atatttttaa ttacgtacaa agatctgaca tgtcacccag ggaccattt 240
caccactgc tctgtttggc cgccagtctt ttgtctctct cttcagcaat ggtgaggcgg 300
ataccctttc ctcggggaag agaaatccat ggtttgttgc ctttgccaat aacaaaaatg 360

```

ttggaaagtc	gagtggcaaa	gctgttgcca	ttggcatctt	tcacgtgaac	cacgtcaaaa	420
gatccagggt	gcctctctct	gttgggtgatc	acaccaattc	ttcctagggt	agcacctcca	480
gtcaccatac	acaggttacc	agtgtcgaac	ttgatgaaat	cagtaatctt	gccagtctcc	540
aaatcaatct	gaatggatc	attcaccttg	atgaggggat	cggggtagcg	gatgggtgcg	600
gcatcatgag	tcaccagatg	agggattcct	tttgtgccc	caaagatctt	tctcactttg	660
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tgaaggggag	acactctctc	aacttgtggg	gaccgggtgga	tggacgagga	gcaaacacac	960
cgggtcaattt	atccagcatc	caatgctttg	gagctgccac	ccgcttcaga	tgcttcttgg	1020
gaccacgagc	ca					1032

<210> 3335

<211> 361

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(362)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (361)...(196)

<223> similar to gil841302 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3335

ctcacgcaan	gcatggmntt	aacgtcccta	aaanccccgc	ggacttttct	gtaagaaagt	60
gtggcanagc	accaacccca	taaangtgac	acatgtacaa	ngaagggcaa	ggantttctt	120
gtacgcccag	ggaaagcggc	gttatgacag	gaagcagagt	ggctctttgt	gtgccctggc	180
ttgtgttctg	aagatacagc	tgataggtta	gttgggtcca	gattatagag	gactgagtat	240
tcagcaatgg	tgggtgaatt	atttaagtct	ttggtgttca	tctatttaca	ggaatgtttt	300
cgatttaaag	gattaagtct	tagcacatta	gaaaggaaat	aaaaatgaag	attgtactat	360
t						361

<210> 3336

<211> 3818

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3819)...(65)

<223> similar to gi3168604 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 3336
tttttttcgc tatctaagga cataacttta ttggaaacaa agagtggggt gcagaagatg      60
gctaggagtc aggctctgag ggaggtggtg gcttctcatc atcaggggga caatcgatga      120
agtcggccag catggcagct gtgtcatcct gctccttttc ctggagagct tcggcctctg      180
tctctgtctc catctcttct tctgcagggt tctctggtgg gggctgcacc ttgtcactcc      240
catcctcagt ctctcttctc aacagggttg ggggagcaga gggctcttct tcaacaagct      300
cctggggagg gggcctgcc gcagggtttt ccccttccct ctccacctct ccctgggagg      360
ggagcgcttc aggggccagg gtgggagctg tgtcagcccc acgtcctctc tccgtccctg      420
gctcctccac ttccaaaagc agcccgggtt cgggttcggg ttctggctgc acctttgggg      480
gagactcagg gggaggcaga gctggaggca ggggtgaggg tggaggtgca ccttcttcta      540
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ggcgatgggg cctcaggagg gggactggag cagggtgtgg gcagggtggg cccatgggct     1560
gcaggggagg aaccgggggg tgggtcagag cagcacaggt caccagtgtc tctgagcaag     1620
aaagaggaga cctcaaggct atcttctcgc tggccgaggg agaaggcttg cagggcacag     1680
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aaggtaagaa ggatggctgg gcctctcagc aatgactcag ctgagtcccc aaattcaccc     2640
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agtgatgtta ttggacaaa agtagaagct ctctgggacg gactccagga tgacactgtt     2760
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aagagatgac aaatcccact tacaatatte ttgctactga cgctgagggt ccggcagatg     2880
aaatccagga tttcctgcac agggacggac acgggagctc caaactcaga gctgagcatg     2940
agccctaggg agcggggcag tcccgaaaac ctctgccgaa gctggagaag gacatgggca     3000

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tcaccatctt	ctgaggacag	cagcatctcc	accccagggc	cttcattctg	cacaggagca	3060
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agctcctgct	cccagctctc	ggtgtgcttc	aggecttggg	aaaagccagc	ccctaaagag	3180
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<210> 3337

<211> 1501

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1503)

<223> similar to gi5257114 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3337

atgagccccg	ggctgctgct	gctcggcagc	gccgtcctgc	tcgccttcgg	cctctgctgc	60
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ttccttctag	gacacctccc	ctgcttttgg	aaaaaggatg	aggttggtgg	ccgtgtgctc	180
caagatgtgt	ttttggattg	ggctaagaag	tatggacctg	ttgtgcgggt	caacgtcttc	240
cacaaaaacct	cagtcatcgt	cacgagtcct	gagtcggtta	agaagtccct	gatgtcaacc	300
aagtacaaca	aggactccaa	gatgtaccgt	gcgctccaga	ctgtgtttgg	tgagagactc	360
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caggacatgc	tgacctacac	cgccatggac	atcctggcca	aggcagcttt	tgggatggag	600
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<210> 3338  
 <211> 6298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(6298)  
 <223> similar to gi2564316 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3338						
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cagccagctg	caggtgagcg	tgaagggttt	ggcgcccaag	aggagcgagg	cactgccgga	240
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gaacagaggc	agcctcttac	cgcacacccc	tgtatgggca	gccctcctgg	tggggtgagg	360
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<210> 3339

<211> 4348

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3019)

<223> similar to gi3882181 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3339

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<210> 3340

<211> 2983

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(2984)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (2314)...(1020)  
<223> similar to gi35842 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3340  
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aaaaacctgt tttcctggct tccttggtat acacatgatg tagactagag aaacaaggct 180  
gtttgtttgt tttgtttgtt agagaaacga aaggcgtgcc ctgcggcccc gcccccatag 240  
ggggcagctc cctggaaaga caaaaattca ccatgatggg aaggactggc tccctgagga 300  
ggggctgagg atgcgggaat ttgcccagat gccttgccctg gggaaaacca tcccaatggc 360  
actgggacac cttaggaagg ctgtgaaagg gagggacgtg ttcccctaag gaaaaagttc 420  
ccatagtacc aaaggcaggg ttccctccgg gcgggccaga gttttcggca gtccttgggc 480  
tgtttgggtg cctaattgtc caaatggtct ggacgctgca ccactcttct gaaaaaaagt 540  
cccgcctgtt gacatgcatt ccttccagaa agctgatttt ccaaaattcc catggtgtct 600  
cccacaataa ggggctggga ctggcctggc ttaccctact tccctctaaa ttatcatgta 660  
gccacagct ggggctgggc cccctgcttt tttgtactaa catcaacaat cccatttgcg 720  
catcctaaag aaaggctggg cccttgagca tgggggaatg tgggggaggg agcaggacac 780  
accagcactg caaatgggct tccttcttcc agggccccc aaaggaataga aaagaaggca 840  
acaaggagtt taaggccct gtgaancaat cctaagaagg tcccttaaca accagcttcc 900  
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gcttctctc ctcccctggc agcctgaaga caggtgcaaa gtcaactagg aagaccagcc 1020  
agcctcgggg aacttggtca gcgtgcaagc cattgatatc ctgagtgtgg gctgcccgat 1080  
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gagccagtag gttgttcaac ctgctgagaa ccaactccagc gtgactttac tgttgccaaa 1500  
ccaaaatctc caattttcac tgttaagcct tcatggagaa atatattgtt ggatttcatg 1560  
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ctggaattgc tctggggttg ggtcgacaac ctttaggac tttactgcaa catctccgtg 1860  
ccatttacct ttataaacag ttccaaaaga gcctgaccca atccgagtgg acagcatcac 1920  
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ggcggcggtg	gcgtgcgagc	tcacgcgctc	cgcttgggcc	agcagctgcg	ccaaggtggt	2460
gctgggtggtg	tcgtggctgc	gactcagagc	gcccaggccg	ctctggatgc	ggcgcaaggga	2520
ccctgccagg	cctccctgcc	ttcgagccag	gcctccctgc	cgctcccgcga	gagtctccag	2580
catggaggcc	agcttctcca	gcagggtcac	caccgtcacg	gcgtgcacgg	gacccccgc	2640
cggcgccctcg	ggcacaggcc	ccggctccaa	cgcactctcc	ctcatgatcc	ctgaccgctc	2700
tgctccgtct	gcctgcaact	gctggctgca	ctacggtcag	gggcctcctt	tccttggtc	2760
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ccgcgcgggg	ggcctgctgg	gaagcctggt	ggccccaat	cggccccctg	caaaccctct	2940
cactctgagt	ttgaggtacc	ctcctccgct	ccaaatccct	ggc		2983

<210> 3341

<211> 1321

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1321)

<223> similar to gi2055392 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3341

cacacactgc	accacagctc	tcccacctct	gaggccgagg	agttcgtctc	ccgcctctcc	60
accacagaact	acttccgctc	cctgccccga	ggcaccagca	acatgacctc	tgggaccttc	120
aacttcctcg	ggggccggct	gatgatccct	aatacaggaa	tcagcctcct	catcccccca	180
gatgccatac	cccagaggga	gatctatgag	atctacctca	cgctgcacaa	gccggaagac	240
gtgagggttg	ccctagctgg	ctgtcagacc	ctgctgagtc	ccatcgttag	ctgtggaccc	300
cctgggcgtc	ctgcttacct	ggccagtcac	cctgggggat	ggaccactgt	gggggagccc	360
agccctgaca	gctgggagcc	tgcgcctcaa	aaagcagtcg	tgcgagggca	gctgggagga	420
tgtgctgcac	ctgggcgagg	aggcgccctc	ccacctctac	tactgccagc	tggaggccag	480
tgcctgctac	gtcttcaccg	agcagctgag	ccgctatgcc	ctggtgggag	aggccctcag	540
cgtggctgcc	gccaaagcgc	tcaagctgct	tctgtttgcg	ccggtggcct	gcacctccct	600
cgagtacaac	atactggtct	actgctgca	tgacactcac	gatgcactca	acgtagtggg	660
gcagctggag	aagcagctgc	aggacagct	gatccaggag	ccactggtac	tgcacttcaa	720
ggacagttac	cacaacctgc	gcctatccat	ccacgatgtg	cccagctccc	tgtggaagag	780
taagctcctt	gtcagctacc	aggagatccc	cttttatcac	atctggaatg	gcacgcagcg	840
gtacttgac	tgcaccttca	ccctggagcg	tgctcagccc	agcactagtg	acctggcctg	900
caagctgtgg	gtgtggcagg	tggagggcga	cgggcagagc	ttcagcatca	acttcaacat	960
caccaaggac	acaaggtttg	ctgagctgct	ggctctggag	agtgaagcgg	gggtcccagc	1020
cctgggtggg	cccagtgctt	tcaagatccc	cttcctcatt	cggcagaaga	taatttccag	1080
cctggaccca	ccctgtaggc	ggggtgccga	ctggcggact	ctggcccaga	aactccacct	1140
ggacagccat	ctcagcttct	ttgcctccaa	gcccagcccc	acagccatga	tcctcaacct	1200
gtgggaggcg	cggcacttcc	ccaacggcaa	cctcagccag	ctggctgcag	cagtggctgg	1260
gactgggcca	gcaggacggt	ggcttctttc	acagtgttcg	gaggctgagt	gctgaggccg	1320
g						1321

<210> 3342  
 <211> 777  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (46)...(338)  
 <223> similar to gil478205 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3342

gggtccgctg	cagggcaggt	tcagcagcaa	cagcagcggc	gacaccagca	gggaaaagtg	60
acagtgaaat	acgatcgtaa	ggagcttcgg	aagcggctgg	tgctggagga	atggatcgtg	120
gagcagctgg	gtcagctcta	cggctgcgag	gaagaagaaa	tgccagaggt	agaaattgac	180
attgatgatc	tttttgatgc	atacagtgat	gaacagagag	cttcaaaatt	acaggaagct	240
cttgtagact	gctacaaacc	aacagaggaa	tttatcaaag	agctgctttc	tcggataaga	300
ggcatgagga	aactgagccc	ctccgcagaa	gaagagtgtg	tgattctgga	acagggtgaa	360
actctcccag	agatgaagaa	agagtcctgg	gatttgtact	tcatgaagac	ttttgtgaaa	420
gaataggtgt	ccttatgaac	aacgtttttg	tttttttttt	ttcttttttg	ggggtaaagg	480
tggggggggc	tatttagacat	ttattcaaga	gcgttctttt	ttgggtttta	aagggttttg	540
ttaatgtaat	atttaaatac	caaaaatata	ttgacttttag	ccacagccta	cccagggttt	600
atcaagggag	ggggaccctc	aggggaagggc	ccccccaggt	tcggtttcct	gcagggactc	660
aaatgttaat	tcccttatga	tcccggaaaa	atagtttttt	tacaagaagt	tgggcaaaat	720
ttttttccta	aagttggaca	ttggactcaa	ttggcaaatt	tttcaacctg	gtattttt	777

<210> 3343  
 <211> 408  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(408)  
 <223> similar to gi325465 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3343

ggcttcccca	agggttcaag	aactcccca	ccatcttcgg	ggaggcattg	cctcaagacc	60
tccagaagtt	tgccaccaga	gacctagact	gcgtgttgct	ccagtacgtt	gatgatcttt	120
tgctgggaca	ccccatggca	gtcgggtgca	ccaaaggaac	agatgctcta	ctccggcacc	180
tggaggactg	tgggtataag	atgtccaaga	aaaaagctta	gatctgccga	cagcaggtac	240
attacttagg	atttactatc	cgaaagtggg	agacagccta	ggatcagaaa	gaaacaggtc	300
atttgaaatc	tactggagcc	taagaccaga	aggcaggtga	gagaattctt	atgggctgtg	360
gggttttgaa	gactgtagat	cccaaaattt	gcagtataag	ccaagcct		408



<210> 3344  
 <211> 3932  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(3933)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (3934)...(282)  
 <223> similar to gi2245317 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3344

tttttttttt	ttgggggtgca	ggtggcggtt	attttcatgg	atttatacac	actggaaaag	60
cctctgcgcc	catgcccacg	ccctcctccc	tccccccggc	gctgggtccc	ctcatatgaa	120
aggggaagtaa	caccgaggag	cacacggaga	tatagggtgt	ggggctgggg	gggccagcgc	180
tggggccaaa	agtctgggtc	cccagcctcc	cacacgcagc	ccctcggggc	ccttgggtgt	240
gtcaataaat	aaccacaggtc	caggctgggtg	tgggcctcac	tcctcgtgt	ccagcttcag	300
gctgatgctc	cgtgctttgc	cccgtgccag	ggtgggtgggt	ggtgttcccc	ggccctcacg	360
ctccgcctgg	ctggggcccc	tcgagcgaag	cagctggctc	tgtttgcgca	ggaagtccac	420
gggggcagcc	acaccatagc	tgtctttgcc	caaggcagct	ctcgggggtc	ccgaggaggc	480
atgcgagtgc	gagcccgttt	ccagctggcc	cagggtgggc	acatagccgt	ctgacaggaa	540
ctggcactgc	gcctgtagct	tcgcacggc	acggcccacg	atgtaggtct	ggctcgggga	600
cagccccagc	gccgcgtata	cagccacatc	tttgggagac	ccataaccgg	ccacgatgtt	660
cagtcctacc	tcctgcacca	ggctctggag	aaacattgcc	ttctggcgta	gtgggtcgtg	720
ggtgaggccg	tcgcagaagg	agacgacgcc	cgttggggga	agttgtgctg	ccganagcca	780
tgccaccacg	cggtgcttct	gcatatccgg	ccggcctgtg	acattacacc	gatcaggtag	840
ccggantccn	nagtcctgcc	agtgcctgac	cacgtccacg	ggcgccagct	cgcaccttgg	900
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cgtacatgaa	gcgcccgttt	agcacctggg	ggcggccctc	gcacaccacc	gtgtcgctcg	1260
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ccttctcgat	cacctggcgc	aggatgaacg	ccaccacgtc	ggcggactcc	cagtagctgg	1440
cgtggaagag	gtggggcagc	gtgacgggtg	gaaaggcggt	gagcgcctcg	gggcagtaca	1500
gcgagtagtc	gatccgcttg	gtccccacc	agcgtccag	gatcttaacc	acctcactgg	1560
tggtgctggg	ggcggctggc	tgggcggggg	ggtcagtggc	caactcactg	cccttccaga	1620
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ctgggcgcat	ctgggctgcc	tccagggcgg	gcatacacgt	tttgcgcaga	gccagcacca	1920

ggcccagtg	ggagccgaag	aggaagaagc	cagagacctt	gaagtcaagg	cgggcagtg	1980
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tcagtgcgac	ctgcccacag	aagccggcac	cctcaggtga	gcgcaggaag	gctgagtagg	2400
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cgtggctgta	agggctcagg	ttggagacaa	gggcataggc	ggcggcgag	atgggtggac	2580
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cctcgaaggc	ggagctcagc	gtctgcacat	ccgcctgctt	ggagttggcg	tctccagggc	2700
ctgagtccag	gatgttgccg	ctgtgcagga	taagggaagag	ggcgtggact	gcgcatgcct	2760
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cctcactgtc	cgagaagccg	tgggcatcaa	agaactcttc	ctcggagctg	ttctcagagt	3000
ctcgggcaat	gttctgcatg	cgccactcag	acaagctctg	ggggagacac	agcccccca	3060
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catcggggga	ggcatctggg	cctggggggg	cctcaggccc	atcgggggtg	ccagtgttgc	3180
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tgctgtgtt	gcacttgccc	atgcgctggg	ccagcatgcg	agcagtctcc	tcttccagtg	3300
cccggatgtc	agccatgctc	agctctgtcc	actcatcctg	ccagcaccag	gcctggcggt	3360
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tctgtgccgc	cgtccgtgcc	cagtcacag	acagtggccc	tcggcccgtc	ttgaccgagt	3540
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gctgctgccc	cccatcaggc	aggtaatagg	tctcaatttc	aatggagaat	ttctccacga	3720
aagggcaggt	gtaccgggtt	cgggtgtagg	ggtaggcatt	ccaggattcc	tcttctacct	3780
gcagggcagc	cttgggcagc	agtgcccgga	accagcctgg	gatgtgggag	cccacgtggt	3840
acaccttggt	tgtgtattgc	ccgctgcccc	cgggccccatc	cgtgtagggc	cggttggcca	3900
ggatctccac	gccgctgccc	gcaccactag	cc			3932

<210> 3345

<211> 3235

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2338)

<223> similar to gi4200216 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3345

actcggttta	gagggcttcg	gccggcggtg	gccccatgga	cagccctgct	ggcactgggc	60
ctgcctgggt	gggtgttgcc	tgtctcagcc	acggcggtctg	ctgtggtccc	cgagcagcat	120
gcctccgtag	ctggccagca	tcccctggac	tggctgctca	cagaccgggg	ccccttccac	180

cgcgctcagg	agtatgctga	cttcatggag	cggtaccgcc	agggtttcac	caccaggtac	240
aggatttata	gggagtttgc	ccgttggaag	gtgaacaact	tggctctgga	aaggaaggac	300
ttcttcagtt	tgccattgcc	tcttgcccca	gagtttatcc	ggaacattcg	cctccttgga	360
aggagaccca	atctgcaaca	ggttacagaa	aatctgatta	aaaagtacgg	cactcatttc	420
ttactttctg	ccacccttgg	aggagaagag	tccttgacca	tttttgtgga	caagcagaaa	480
ctgggaagaa	agacagagac	aacaggaggt	gcctctataa	tcgggggcag	tgggaacagc	540
acagctgtgt	ccctggagac	cctgcaccag	ctggccgcct	cctacttcat	cgacagagag	600
agcacgctgc	gacggctgca	ccatatccag	atagccacgg	gggccatcaa	ggtcaccgag	660
accaggaccg	gtcctctggg	ctgcagcaac	tatgacaatc	tggactcagt	cagttctgtc	720
ttggtacaga	gtccagagaa	caaagtacag	ttacttggcc	ttcaggtgct	gctgcctgag	780
tatctgctgt	agcgctttgt	agctgcagca	ctcagctaca	tcacatgcag	ctctgagggg	840
gagctcgtct	gcaaggagaa	tgactgctgg	tgcaagtgca	gccccacctt	ccctgaatgc	900
aactgccctg	atgctgacat	ccaggccatg	gaggacagcc	tgctgcagat	ccaggactcc	960
tggggcactc	acaaccggca	gtttgaagag	tcagaagagt	tccaggccct	gctgaaaagg	1020
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agccttcagc	accgctacca	gcagctggga	gctggcttga	aagtgtgtgt	caaaaagacc	1140
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gcccactgtg	ctccagacaa	tagcacacgc	tgtgggagct	gcaaccgggg	ctatgtgctg	1440
gcccaggggc	tgtgccggcc	agaggtggcc	gagtccttgg	aaaactttct	tgggctggag	1500
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gtacactcca	tcttcatcag	caatgacatg	cggttgggca	gctggtttga	cccttctctg	1620
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<211> 847  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(848)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (824)...(226)  
 <223> similar to gi4972706 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3346

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cttcacg						847

<210> 3347  
 <211> 648  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (639)...(287)  
 <223> similar to gi1196431 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3347

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tcgttcaaca	ctagggttg	tgaatacact	ccaagttggg	ggtggagttg	cagctcattc	360
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<210> 3348

<211> 4205

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(4206)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2)...(2067)

<223> similar to gi4240265 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3348

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acaggaaatg	gagagaaatg	agatcccatt	cctgtgtcat	agcagtactg	attatgctaa	480
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<210> 3349

<211> 9831

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (289)...(6791)  
 <223> similar to gi3894265 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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caatacccac cccccccct taccctagct cggggagtg caggggagag accttgccat      180
gttgctgtt aaccttggca tacagtaagc gctaacaagt gattacaaat atcaaaataa      240
acacacacgg cgccgccctc tgagcccgcc ccgctgact tgctccccag gtgtttctctg      300
ctgaatgaga ttgagaagga ggagaaggag aagctctggt actactctca gctgcagggc      360
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<210> 3350

<211> 2056

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (62)...(1399)

<223> similar to gi2739460 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3350

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<210> 3351  
 <211> 3247  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3249)...(973)  
 <223> similar to gi6002189 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<210> 3352

<211> 1194

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1106)...(253)

<223> similar to gil408211 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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cagaatgctg	agtttggtca	cgtcccacca	ggcctttggc	tccctgcata	tccccctttc	1020
tgtttatgta	ttaattgaaa	gaatgtaagg	ctgggctggg	aggctctcat	tctccaattg	1080

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tttcgccttg tcaatttcag ttcctctgct ccagcagacc ttcttcattc acgt 1194
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<210> 3353

<211> 2535

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (90)...(646)

<223> similar to gi6003574 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3353

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<210> 3354

<211> 7399

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2) ... (6150)

<223> similar to gi2224543 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3354

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<210> 3355

<211> 1380

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (119)...(1000)

<223> similar to gi577276 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



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<210> 3356

<211> 3479

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3480)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1)...(2095)

<223> similar to gi5262681 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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ctctaccaag	aggatgttgg	gatccacgtt	gtggatggag	tgtagcaag	gtattcgatt	840
aggaaatggg	gttaatcaac	ctaaatttaa	tcagaggcgc	atcagcagtg	ccaagttcct	900
aggagaactt	tacaattacc	gaatggtgga	atcagctgtt	attttcagaa	ctctgtattc	960
ttttacctca	tttgggtgta	atcctgatgg	ctctccaagt	tccttgacc	cacctgagca	1020
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aggttccagt	aaacgaaaa	ttgattgttt	ccttgatat	tttcagcgtt	atgtttggtg	1140
gaagaaaagt	ttggaggttt	ggacaaaaga	ccatccattt	cctattgata	tagattacat	1200
gatcagtgat	acactagaac	tgctaagacc	aaagatcaaa	ctctgtaatt	ctctggaaga	1260
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tgacaaagac	tcaaaagatt	ctatgacaga	aggagaaaat	cttgaagagg	atgaagaaga	1380
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aatgattaaa	ggcgggtggac	ttaagcatgt	accttgtgta	gaagatgagg	acttcattca	1620
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atcccacgtt	ggaagaagat	acatttgggg	gctccaggac	tacagtagaa	aagtatagag	2580
caagcaggaa	aatcttctag	taaaacttac	atgcaggaca	acaaaatgat	gaaagatatc	2640
caaataccag	ataatccacc	aggaaggcct	ttgttttagga	atttgtttca	agaggaacaa	2700
gggatgaggg	agaaaaatcc	gttttatcca	tcagagtcag	tgctataaaa	ttgcctatta	2760
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tttctgcatg	tagattttaa	taaaaaacaa	aacttgtaaa	gttgtaacat	ttcacatgga	3300
aatgctgccc	aatcttcacc	agcttcagaa	atctgacctt	tgccgatgct	gcaataaagt	3360
gttgtaattt	aaaaaaaaaa	acaacccatt	accaaacata	annttggtcc	ccccctgggg	3420
gggggctcat	tttaatatgcc	gctcctttcc	ccccctacg	ttatatatgg	gtttttata	3479

<210> 3357

<211> 2578

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2579)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1)...(2204)  
 <223> similar to gi791043 in the genepept database release 114,  
 Run with FASTXY 3.3t00; default parameters

<400> 3357

aaactcagtg	gacgacccta	cagacacatg	ggagtgcctg	gaacttcaaa	actctatgac	60
attcggaaaa	ctatctttac	tttcaactcca	cagtttatag	accagcaaca	gttctacctg	120
gctctggaca	acaagatgat	agtggaaatg	cttagaacag	acctctccta	cctctgtagc	180
cgctggcgga	tgacaggcca	gccaccatc	accttccccca	tctcacacag	catgcttgat	240
gaagatggaa	caagcttgaa	ttcaagtatc	ctggcagcac	tccgaaaaat	gcaagatggg	300
tattttggtg	gggcaagggt	tcaaacaggt	aaattgtcag	agtttttgac	aacatcttgt	360
tgcacacact	tgagcttcat	ggaccctgga	cctgagggtg	agctgtacag	tgaagattat	420
gatgacaact	atgattacct	ggaatctggc	aactggatga	atgattatga	ttcaaccagt	480
catgctcgct	gtggtgatga	agttgctcgt	tatttagatc	accttttggc	gcacactgct	540
ccccatccta	aactagcccc	tacctcacag	aaggaggggc	tagatcggtt	ccaagctgct	600
gtgcaaacaa	cctgcgactt	aatgtccttg	gtgaccaagg	ccaaggaact	gcatgtacag	660
aatgttcaca	tgtatcttcc	tacgaagtta	tttcaggctt	cccggccttc	attcaactta	720
cttgattcac	ctcatccccg	acaggagaac	caggttccct	ctgttcgtgt	agaaatacat	780
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gactggaaca	ctgaattgta	taatgaacgg	agtgtctacag	tgagagagct	tcttaccgag	960
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ttaaggaaga	aagtggaagc	acttgatgag	gcctgcacag	accttctctc	ccaccagaaa	1080
catttgacag	taggacttcc	tccagaacct	cgagaaaaga	ctatctctgc	acctctgccc	1140
tatgaggcgc	tactcagct	gatagatgaa	gccagtgaag	gggatatgag	catttcaatc	1200
cttacacagg	aaataatggt	atatctagcc	atgtatatgc	gaaccagcc	tggcctcttt	1260
gctgaaatgt	ttcgacttcg	aattggctctg	atcatacaag	ttatggcaac	agaactggcc	1320
cactcccttc	gatgctcagc	tgaggaagcc	acagagggcc	tgatgaatct	cagtccttcg	1380
gccatgaaga	atctcctgca	tcacattctc	agcggcaagg	agtttgaggt	ggaacgaaag	1440
ccgttcgtcc	cactgattca	aatgtcagtc	ctgctatttc	tatccacgag	attggtgctg	1500
ttggagcaac	caaaacagaa	cgaactggga	tcatgcagtt	aaaaagttag	ataaagcagg	1560
tggaaatttcg	tagactgtca	atctcagctg	agagtcagtc	acctggaacc	tctatgactc	1620
caagtagtgg	gtcctttcct	agtgcatacg	atcagcagtc	atctaaagat	agtcgtcaag	1680
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atcagaaagt	atggaaaagt	ttgcagaagt	gtcacggact	ttctgttgaa	gggtttgtcc	1800
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agtcttgctc	tgaatgtggt	acttcgcccc	gagtaccgtc	agctgctggt	tgaagccatc	1920
cttgctcctca	ccatgctggc	agatattgaa	attcatagca	tcggaagcat	cattgctgtg	1980
gaaaaaatag	tgcatattgc	caatgacttg	ttccttcaag	aacagaaaac	ccttgggcnc	2040
agatgatacc	atgttggaac	aggatccccg	atctgggcat	ctgtactctt	cgggtatgac	2100
agtgcaccca	gtggcagggt	tggcaccatg	acctacctct	cccagggcag	ccggccacct	2160
acgtgcagga	gttcttgccc	ccacagcatc	tgtgccatgc	aatgagggct	ttggttcctg	2220
gcttctggga	gccttttgac	agctggtccc	tgctcgggtg	ggattgtgca	tggaactaaa	2280
atgttattgc	ctaaccaatc	caaccctgct	ccctttctgt	cccatccttc	ccaagaagag	2340

agaacttttt	cgataaacta	actactgtag	aagaagtga	cacttacctg	gaggetcacc	2400
ttgcagaacc	agtgacaatc	ttatgagtat	aatgaacact	cagccaggcc	tgatcatgatt	2460
ggctttat	ctttcatcat	tcataaaagt	ttgcatgtgt	ttttattctc	tagatctggt	2520
accaatatag	ttttctaact	cctgtttggg	gagcaagtgt	taaaaaaaaa	ttattcct	2578

<210> 3358  
 <211> 342  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (344)...(24)  
 <223> similar to gi699581 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3358						
cttgagtaca	cagaccagg	tatgcgggca	cgtgagaggc	tgctgatgat	ttatatcttc	60
cattgtgagg	gaggacttgc	ttggtcttat	aatatcttagc	caaacatgtg	aatccggctc	120
tctataacaa	tcacacggaa	cttatgatcc	ttatactttc	tgatcctatc	aagatgcttt	180
cgaacagcaa	ctgctttctt	aagtacttgg	tgcatgctt	caagaagatc	aggagcatga	240
tccttagact	taagaattct	tagcatgata	ttgctgtca	caaacgtac	ttgtgcaaca	300
ccatgtgaat	ctctcatgat	tacaccgatc	tgtgaaggag	ta		342

<210> 3359  
 <211> 2666  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2666)  
 <223> similar to gi5257005 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3359						
ggatcacctg	gcaaaaagga	agagaaggcc	aagaacaaag	aatcactttg	catggaaaac	60
agtagcaaca	gctcttcaga	tgaagatgaa	gaagaaacaa	aagcaaagat	gacaccaact	120
aagaaatata	atggtttgga	ggaaaaaaga	aaatctctac	ggacaactgg	tttctattca	180
ggattttcag	aagtggcaga	aaaaaggatt	aaacttttaa	ataactctga	tgaaagactt	240
caaacagca	gggccaaaga	tcgaaaagat	gtctgggtcaa	gtattcaggg	acagtggcct	300
aaaaaacgc	tgaaagagct	tttttcagac	tctgatactg	aggctgcagc	ttccccaccg	360
catcctgccc	cagaggaggg	ggtggcagag	gagtcactgc	agactgtggc	tgaagaggag	420

agttgttcac	ccagtgtaga	actagaaaaa	ccacctccag	tcaatgtcga	tagtaaacc	480
attgaagaaa	aaacagtaga	ggtcaatgac	agaaaagcag	aattttccaag	tagtggcagt	540
aatttcagt	cttaaatacc	ccttccttac	ttacacctga	atcgcttca	tcagtcactg	600
taacagaaag	gcagccggca	gcagtcttct	gtaacagtat	cagaaccact	gggtccaaac	660
caagaagagg	ttcgaagtat	caagagtga	actgatagca	caattgaggt	ggatagtgtt	720
gctggggagc	tccaagacct	ccagtctgaa	agggaatagc	tcgccagcag	gttttgatgc	780
cagtgtgagc	tcaagcagta	gtaatcagcc	agaaccagaa	catcctgaaa	aagcctgtac	840
aggtcagaaa	agagtgaag	atgctcaggg	aggaggaagt	tcataaaaa	agcagaaaag	900
aagccataaa	gcaacagtgg	taaaacaaca	aaagaaggga	aaaggcaca	atagtgtga	960
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tgcacagtgg	cacaaaaaaa	tatcagacaa	gcactatttt	atatttaaaa	attgtttctt	1560
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tgtaaaagct	ggaacatttg	atatttttcc	atttatttat	gaaaaaatat	gaacctattt	1860
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tggtaaccaa	atattaaaga	ttctctttta	aaaagactga	acatgtttac	aggtttgaat	2040
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actttgccat	ttttctataa	atcagtattt	ttttttaatt	ttgatataca	ttgtgtgaaa	2160
aaagaaaatg	gctaataaac	tgtattaaat	cttaaacaaat	gtataaagat	tgtacttagc	2220
cagttcaaa	gttatattta	ttcataatga	attataacag	ttatattttt	gtgttttctt	2280
gtaaatgttt	cttttccctt	aaatacagat	aattcatttg	tattgcttat	tttattatga	2340
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cctataaaat	taaatgcctt	gtataaaaatc	caaaatgaat	gcaaaattgt	tttcacttgt	2520
attgacttta	tggtgtatga	ttccaatctc	tggtctgttt	ggcacttgta	tttaattctt	2580
cacctttgta	agacatttgt	atattgtgca	tgtgttcatt	caagctattt	aatatctggc	2640
actgttaata	cacagtactt	tattgt				2666

<210> 3360

<211> 7502

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(6861)

<223> similar to gi3413886 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3360

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ggagggagat	ggctccgagg	gagaaggaga	aggagaaact	gaaggagatg	tccacactag	180
caacaggctg	cacatgggtc	gtctaattgt	gttggagaga	ttactgcaga	ccctgcctca	240
attacgaaac	gttggcggtg	tccgggccat	cccatacatg	caggtcattc	taatgtcac	300
tacagatctg	gatggagaag	atgagaaaga	caagggggcc	ctagacaacc	tgctctccca	360
gcttattgct	gagttgggta	tggataaaaa	ggatgtctcc	aagaagaatg	agcgagcgc	420
cctgaatgaa	gtccatctgg	tagtaatgag	actcctgagt	gtcttcatgt	cccgcaccaa	480
atctggatcc	aagtcttcca	tatgtgagtc	atcttccctc	atctccagtg	ccacagcagc	540
agctctactg	agctctgggg	ctgtggacta	ctgcctgcac	gtgctcaaat	cactgctgga	600
atattggaag	agccaacaga	atgacgagga	gcctgtggct	accagccagt	tgctgaaacc	660
acatactacc	tcctccccac	ctgacatgag	cccattcttt	ctccgccagt	atgtgaaggg	720
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ccgtcaagtc	cgcaaaacttc	tgctcttcat	ctgtggatcc	aaagagaagt	accgccagct	960
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acacactcat	cagcctgatg	gagcacctga	aagcctgtgc	agagattgcc	gcccagcgaa	1140
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tcagtttctt	tgtggatgag	ggcgtgtccc	cagtgtctgt	gcaactgtct	tcctgtgtct	1260
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ccctgatcca	gttctctcgt	gtttctctgt	tagagtccaa	ttcttctctg	gtgcgtggc	1560
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gcagtcacac	catcagcaaa	gtgacagtga	aaatcgggga	tctgaaacgg	accaagatgg	2040
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acaagccagc	tcgctggcac	aaagccaaga	aggttcagct	gacccctgga	cagacagagg	2160
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agaatgaaga	agaccggaag	aaggctgtat	ccaacatcaa	tacacttttg	gacaaagctg	2520
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 <211> 187  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(180)  
 <223> similar to gi344422 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<210> 3362  
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 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2408)  
 <223> similar to gil230564 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3362



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 <211> 4461  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (4464)...(2165)  
 <223> similar to gi3724141 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<211> 6566

<212> DNA

<213> Homo sapiens

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<221> misc\_feature

<222> (6567)...(1439)

<223> similar to gi4545099 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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 <212> DNA  
 <213> Homo sapiens  
  
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 <221> misc\_feature  
 <222> (6558)...(1397)  
 <223> similar to gi2564332 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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ccctgggcct	ctgctccgcc	caggagacat	tatcaatttt	tctgcaaagt	catgatattg	4260
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tgggagcctt	tatcttgtcc	accaggcttt	tctaccgcac	ctgtcatggc	ttcccgagg	5460
acaatcacc	caacagtctt	ctcattaacc	tttggggttc	cgtcggtatg	acaattgcat	5520
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tcctctgaac	tgtggagca	gcctcccatc	taatgactct	gccatagggg	acttcagctg	5760
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gggcctcttg	gagggtctct	tctgaggagt	cagggcacat	gaaagtaaca	tgtgctggac	5880

agtgttagga	agattggcca	cttgagtact	cagagcactc	aaactactca	acccaggatc	5940
tgtcagtcgc	ttttctggta	ccccttctag	tccaaaccct	ttgaagcctg	cagcatgaga	6000
attaggactg	ggcatcattg	atggggtttg	actgagttga	ggcattaact	gtaaaattct	6060
gtttctggaa	cccataggca	cactgccttg	cccacactgg	agattctccc	cagtctgcat	6120
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gttagaaatg	gggctgaagt	tctggtgaaa	ctgcatgggg	gacctcacag	gaacctcagg	6240
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catcacatgc	tgagaagggt	gttgttgttg	ctgcggttgc	tgctgctgct	gccccgtgtg	6360
ggtcccttgt	ggaatctttg	cctgttcaaa	attcttcata	gattgaggct	gatagctgta	6420
attggattgt	gtcccataag	cctgtgcatt	agaaccacac	ttgtgtcctt	catactgaga	6480
tccagcattc	acattgtaac	tgccatcata	gctctgtcca	gactggctaa	aacgctgtgg	6540
tgaaggaag	gaggag					6556

<210> 3366

<211> 1120

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (8)...(726)

<223> similar to gi4755083 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3366

tttcgtcgct	gctggcggtc	gggcgctcgg	gcggtcctgg	ccggcgagac	gagttgcatg	60
tgttggttca	gctggcgata	gcggcgagg	cggagccggc	ggggcctgtg	cgaccgcctg	120
ggtttgtgaa	atggctgctg	acatttctga	atccagcggg	gctgactgca	aaggagaccc	180
aaggaacagt	gccaagttag	atgccgatta	cccacttcga	gtccittatt	gtggagtctg	240
ttcattacca	acagagtact	gtgaatatat	gcctgatgtt	gctaaatgta	gacaatggtt	300
agagaagaat	tttccaaatg	aatttgcaaa	acttactgta	gaaaattcac	ccaaacaaga	360
agctggaatt	agtgaggggtc	aaggaacagc	aggggaagaa	gaggagaaga	aaaaacagaa	420
gagaggtgga	aggggtcaaa	taaaacaaaa	aaagaagacc	gtaccacaaa	aggttactat	480
agccaaaatt	cccagagcaa	agaagaaata	tgtgacaaga	gtatgtggcc	ttgcaacttt	540
tgaaattgat	cttaaagaag	cacaaagatt	ttttgctcaa	aaattctcct	gtggtgcctc	600
agtaacaggg	gaggatgaaa	ttatcattca	gggagatttt	acagatgaca	taattgatgt	660
cattcaggaa	aatggccag	aggtagatga	tgacagcatc	gaagatcttg	gagaagtaaa	720
gaagtgaatt	tgaaaatttg	tctgtattta	atggcctgaa	ctgagagttg	atatggccaa	780
agggagagag	gcctttttaa	atatatatat	atatacacat	atatatgtat	atatacacat	840
atatgtatgt	atacacatat	acacatgtat	atatacatgt	gtgtatgtat	acatgtatat	900
acatatatac	atacacatat	atgtatacat	atatacacat	atatgtatac	atatatacac	960
atatatgtat	acatatatat	atattctaca	gtaaaactgt	agggctgtcc	tcgtccttgg	1020
catttttact	gttctgtaca	aggctgcttg	tttttttatt	gccaaagtca	aataaacggg	1080
agactgtcat	gctcatgcat	gaatagaatt	tagtcaaata			1120

<210> 3367



<211> 326  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (8)...(297)  
 <223> similar to gill143061 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3367

cgcgagcgcg	tcgacctcta	aacagcttag	agccacagtt	ctcaaacggc	ctgcctgtct	60
ccaagcattg	gcagcagctg	ctgtcctcac	cttaaaagcc	taaaaccatc	tctacatgcc	120
aacctaacag	tttattcaac	ccataacatc	aaaaacatgc	taactcacca	cagtgtacta	180
agtttcatct	ccccctcaca	gcttctccaa	ctgtatgctc	tattcataaa	aactccccaa	240
atcaccgtgc	taaccagctc	tcgtctaaac	ccagccatgc	tcttacctga	aatttctacc	300
tgacaagacc	ctgcacactt	ctgtgt				326

<210> 3368  
 <211> 399  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (135)...(388)  
 <223> similar to gil840393 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3368

ggcacgagggc	ataaagtctg	attctcttac	tgtctgcatg	gagttttttc	acttctgtgt	60
ggccttggaa	actgtgtcat	ccttatattt	gggttctggg	atattgctgg	tgataatctt	120
ggtgctgcat	atcggtgact	ccagcccata	tcaatgacct	tgcttgatt	attccattac	180
ttggacatgg	cctcctgtat	tccctgagag	gtcccagacc	ctttacagac	atcctgcact	240
tcagactatt	tgtcggagca	cggatctacc	actccattgc	atatttgaca	cccctttccc	300
agccaaatag	agctttgaga	ttttttgttg	gatatggagt	tacctctttc	catggcttac	360
aggttgctta	aaagtatatt	ggacctgtaa	agaaaatcg			399

<210> 3369  
 <211> 631  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (522)...(214)  
 <223> similar to gi4929553 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3369  
 ttttttttta cagatatcca atttttttaat ttaattaaaa ctttacaatt gtattttacat 60  
 aatccatgga aggagagaaa ggggatgaaa cttgaaggaa ccaggactct ggaggatgca 120  
 ggatgctgtt tctctggatg agatgtactc tgccactgtg ctctctgggc acttttcagat 180  
 gatggggtct gagatgtctc ctcaggctgc atcagctgtc ttcagtctcc agaacagaaa 240  
 gagcctgacc caggggcatc ttgggtggcc accagaacca ggtttctggg agagagttca 300  
 ggactgaaga tggggcagga gctcagcatg gaaaccctgt tctgaaggt acagcagccg 360  
 gtccagtaga ataagcgtct ccaccagtgg ggcaagcagt agagccaggc tgaagaaggc 420  
 caccacacgg ttctcctggg ccacgtgggc ctgaagggca gccagattca gtggcagctg 480  
 gggatctagc cccactcgct gtagcccccg ctgcacatat ctgtggggatc agtcacattc 540  
 agcactcagt ttggttttaa gaactgtcac ctctcactta aactttgctt gttcctaatt 600  
 cagttccaac ttgctttat tttctcgtgc c 631

<210> 3370  
 <211> 405  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (361)...(104)  
 <223> similar to gi4929731 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3370  
 ggcacgagag ctggaaaatg agcttccagg gcttgggtgg cgtcgggaca ttgccggcga 60  
 acctgaaagg aagcccttct gccttttctc gtgaagatgg gaatttgctt tcttgggttg 120  
 aacttcaaag ccacactggt gatgcaaac ctctgacctg tgaggcctgg ctgatcacta 180  
 gacacgtgac ctagatgagc ttcacactgc ttgcagacaa cctctgtgcg agctgacct 240  
 aacgaggaat ccaaaggctt aagatccctg ggtggcttta tcagagccag acgtaccctg 300  
 agccttggaa aacgaaagcc acccaatgcc agagcagtac tttttctcag aactgtgaag 360  
 acataaacga tactacagct gctaatagaca ctgcaattaa cagcg 405

<210> 3371  
 <211> 4357  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(3068)  
 <223> similar to gi4034486 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3371

aggaaggaag	caaagggaca	aaaccacctc	cagcagtttc	tacaaccaa	attccaccta	60
taacaaatat	ttttccctg	ccagagagat	tctgtgaagc	attagactcc	aaggggataa	120
agtggcctca	gacacaaagg	ggaatgatgg	ttgaacgacc	atgccctaag	ggaacaagag	180
gaactgcctc	atatctctgc	atgatttcca	ctggaacatg	gaaccctaag	ggccccgatc	240
ttagcaactg	tacctcacac	tgggtgaatc	agctgggtca	gaagatcaga	agcggagaaa	300
atgctgctag	tcttgccaat	gaactggcta	aacataccaa	agggccagtg	tttgctgggg	360
atgtaagttc	ttcagtgaga	ttgatggagc	agttgggtgga	catccttgat	gcacagctgc	420
aggaactgaa	acctagttaa	aaagattcag	ctggacggag	ttataacaag	ctccaaaaac	480
gagagaagac	atgcagggct	taccttaagg	caattgttga	cacagtggac	aaccttctga	540
gacctgaagc	tttggaatca	tggaaacata	tgaattcttc	tgaacaagca	catactgcaa	600
caatgttact	cgatacattg	gaagaaggag	cttttgcctc	agctgacaat	cttttagaac	660
caacaagggg	ctcaatgccc	acagaaaata	ttgtcctgga	agttgccgta	ctcagtacag	720
aaggacagat	ccaagacttt	aaatttcctc	tgggcatcaa	aggagcaggc	agctcaatcc	780
aactgtccgc	aaataccgtc	aaacagaaca	gcaggaatgg	gcttgcaaag	ttggtgttca	840
tcattttaccg	gagcctggga	cagttcctta	gtacagaaaa	tgcaaccatt	aaactgggtg	900
ctgattttat	tggtcgtaat	agcaccattg	cagtgaactc	tcacgtcatt	tcagtttcaa	960
tcaataaaga	gtccagccga	gtatacctga	ctgatcctgt	gctttttacc	ctgccacaca	1020
ttgatcctga	caattatttc	aatgcaaact	gctccttctg	gaactactca	gagagaacta	1080
tgatgggata	ttggtctacc	cagggctgca	agctgggtga	cactaataaa	actcgaacaa	1140
cgtgtgcatg	cagccaccta	accaattttg	caattctcat	ggcccacagg	gaaattgcat	1200
ataaagatgg	cgttcatgaa	ttacttctta	cagtcatcac	ctgggtggga	attgtcattt	1260
cccttgtttg	cctggctatc	tgcattctca	ccttctgctt	tttccgtggc	ctacagagtg	1320
accgaaatac	tattcacaag	aacctttgta	tcaacctttt	cattgctgaa	tttattttcc	1380
taataggcat	tgataagaca	aaatatgcga	ttgcatgccc	aatatttgca	ggacttctac	1440
actttttctt	tttggcagct	tttgcttgga	tgtgcctaga	aggtgtgcag	ctctacctaa	1500
tgtagtttga	agtttttgaa	agtgaatatt	caaggaaaaa	atattactat	gttgctgggt	1560
acttgtttcc	tgccacagtg	gttggagttt	cagctgctat	tgactataag	agctatggaa	1620
cagaaaaagc	ttgctggctt	catgttgata	actactttat	atggagcttc	attggacctg	1680
ttaccttcat	tattctgcta	aatattatct	tcttggtgat	cacattgtgc	aaaatgggtga	1740
agcattcaaa	cactttgaaa	ccagattcta	gcaggttgga	aaacattaag	tcttgggtgc	1800
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gcttcagaca	ctcatactgc	tgtggaggcc	tcccaactga	gagtcaccac	agttcagtga	2040
aggcatcaac	caccagaacc	agtgtctgct	attcctctgg	cacacagagt	cgtataagaa	2100
gaatgtggaa	tgatactgtg	agaaaacaat	cagaatcttc	ttttatctca	ggtgacatca	2160
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ctcacaacct	cgagctcacg	ctaccagtca	aacctgtgat	tggaggtagc	agcagtgaag	2580
atgatgctat	tgtggcagat	gcttcatctt	taatgcacag	cgacaaccca	gggctggagc	2640
tccatcacaa	agaactcgag	gcaccactta	ttcctcagcg	gactcactcc	cttctgtacc	2700
aaccccagaa	gaaagtgaag	tccgagggaa	ctgacagcta	tgtctcccaa	ctgacagcag	2760

aggctgaaga	tcacctacag	tcccccaaca	gagactctct	ttatacaagc	atgcccaatc	2820
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cagcttcaga	tgtgctacca	gatcagcagg	ggcaatagtg	atggttatat	aatccccatt	3000
aacaaagaag	ggtgtattcc	agaaggagat	gttagagaag	gacaaatgca	gctgggttaca	3060
agtctttaat	catacagcta	aggaattcca	agggccacat	gcgagtatta	ataaataaag	3120
acaccattgg	cctgacgcag	ctccctcaaa	ctctgcttga	agagatgact	cttgacctgt	3180
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acaaaaactt	tgtatatata	cagagtatac	taaagtgaat	tatttgttac	aaagaaaaga	3300
gatgccagcc	aggtatttta	agattctgct	gctgtttaga	gaaattgtga	aacaagcaaa	3360
acaaaaactt	ccagccattt	tactgcagca	gtctgtgaac	taaatttgta	aatatggctg	3420
caccattttt	gtaggcctgc	attgtattat	atacaagacg	taggctttaa	aatcctgtgg	3480
gacaaattta	ctgtacctta	ctattcctga	caagacttgg	aaaagcagga	gagatattct	3540
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tattgtgaaa	agctcttggt	tgcacatggt	atgaaaagat	tttctttaca	ctttgtcatg	3840
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aacaaaactt	ttgaagccag	ttatgtcatg	ccttgccaaa	aagtgatgaa	atctagaaaa	4020
gattgtgtgt	caccctgtgt	tattcttgaa	cagagggcaa	aagagggcac	tgggcacttc	4080
tcacaaactt	tctagtgaac	aaaaggtgcc	tattcttttt	ttaaaaaaat	aaaataaaac	4140
ataaatatta	ctcttccata	ttccttctgc	ctatatattag	taattaattt	attttatgat	4200
aaagttctaa	tgaaatgtaa	attgtttcag	caaaattctg	cttttttttc	atccctttgt	4260
gtaaacctgt	taataatgag	cccatcacta	atatccagtg	taaagtttaa	cacggtttgc	4320
cagtaaataa	atgtgaattt	tttcaagtaa	aaaaaaa			4357

<210> 3372

<211> 460

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (10)...(354)

<223> similar to gi4689108 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3372

ggcacgaggg	actatccacg	cattgtgaac	cacctggacc	acacctatgt	caactgcgcc	60
caagccttca	tgatgttcca	gtactttgtg	aaggtgggtg	ccactgtgta	catgaagggtg	120
gacggagagg	tactgacgac	aaatcagatc	tatgtgacca	gacatgagaa	ggctgcctat	180
gtgctgatgg	gcgaccaagg	ccttcccggg	gtcttcatcc	tctatgagct	ctcgcccatg	240
atgggtgaacc	tgacggagat	acacacgttc	ttctctctct	tcctgacaat	tgtgggcgct	300
caccataggt	ggcatgttct	ttgagcattt	tgtcattaat	tacttaaccc	ataagtgggg	360
gcttgggttc	tatttcaaaa	atgaaaactc	tttacagggt	ggccatagga	ctttatatgg	420
agtgaacttt	tttatgtatt	ggagtttacg	ggggggctct			460

<210> 3373  
 <211> 5255  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(4581)  
 <223> similar to gil228035 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3373

cagaaaaatc	accaaagtca	cctaattcag	tgaaagcaga	aaaagcatcc	agttatcaga	60
tgaagtcaga	aaaagtacca	agttcaccag	cagaagcaga	aaagggaccc	agtttactgt	120
tgaaagacat	gagacagaag	acagaattac	aacagattgg	aaaaaaaaatt	ccaagctcct	180
ttactttctgt	ggacaaaagt	aatattgaag	ctgtaggggg	agaaaaatgt	gctctgcaaa	240
actcaccacg	atctcagaag	caacagacat	gtacagataa	tactgggtgat	tctgatgata	300
gtgcttcagg	aattgaagac	gtatcggacg	atttaagtaa	aatgaagaat	gatgaatcta	360
ataaaagaaa	ttcttcagag	atggactact	tagaaaatgc	caactgtgata	gatgaatctg	420
cattgacacc	tgagcagagg	ctgggggtga	aacaagcaga	agaacgctta	gaaagagatc	480
acatctttcg	acttgaaaaa	cgatcaccag	aatataccaa	ttgtcgggtat	ctatgcaaac	540
tttgcttaat	tcacattgaa	aatatccagg	gggctcataa	acataataaag	gagaaacgac	600
ataagaaaaa	tatttttgaa	aaacaagaag	aaagtgaagt	tcgtttctctg	ccacctcctt	660
cccttgccca	cttggtctgt	ttaagtgttg	cagtcattga	attagcaaaa	gaacatggaa	720
taacagatga	tgacctcaga	gtccgtcagg	aaattgtgga	ggaaatgtca	aagggtataa	780
cgacatTTTT	accagaatgt	tcacttaggt	tgtatggctc	atctctgact	agatttgctc	840
tgaaaagtag	tgatgttaat	atagatataa	aatttcctcc	caagatgaat	catccagatc	900
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<210> 3374

<211> 2440

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (344)...(1917)

<223> similar to gi5052652 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3374

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<210> 3375  
 <211> 2529  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2531)...(681)  
 <223> similar to gi4884092 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3375

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<210> 3376  
 <211> 4333  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (4336)...(404)  
 <223> similar to gi4033735 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3376

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<210> 3377

<211> 835

<212> DNA

<213> Homo sapiens.

<220>

<221> misc\_feature

<222> (1)...(836)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (835)...(251)

<223> similar to gi3493462 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3377

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aagatccctt	cagaactctg	gtgcagtcct	caatcactgc	agctttactg	tcagtcagtg	180
gagctgcaat	ccaaaagacg	gaaaatcgac	tcctgttttc	catttctgtg	tccagtgact	240
cttcagttac	agtgtgatga	ggctctaccag	gttgccctta	ggaggagtca	tgctgtcagg	300
aaagaaattt	actaagggtg	caaagagctg	agttctttga	gcataggtgt	gatccacatc	360
agaaaagccc	agagctgtaa	aatctgaacc	agatttgaat	agagctgatg	ccaggagctg	420
aaactctttt	gtctcttctg	ggctctgaatg	atccacagtt	atataaagat	cattttgtaa	480
atatttcaga	gcactaaggg	gatccacttg	ggccttttct	tcaaacctgt	gttttcttat	540
gaggtacttg	caatgcctca	gtaaataatc	ttttgaaggt	ctacacaact	tcagtgaacca	600
gaagtcacat	aatctcatct	ttggagagca	agattttcct	ggattcccac	caaataagta	660
atgaaccttg	tgtagctcat	cgtatacaag	ctgatgggca	aaccttggac	atggttcttc	720
ttcctgaaga	cttttagttg	gattatcctt	tgcagcttga	tcantcttat	agacacaaga	780
cctgcaagac	attgcaacta	tncctcacia	tgtcataaat	ccagaatgaa	tttct	835

<210> 3378

<211> 1700

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6)...(843)

<223> similar to gi3881528 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3378

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ccggcccact	ccttcttaca	ctgactgccc	cactgctgcc	catccccttc	ccactggcac	180
ctgggactgg	gagggactgt	gtacgcctcc	gaggcctgcc	ctacacggcc	accattgaag	240
acatcctgag	ctttctgggg	gaggcagcag	ctgacattcg	gccccacggg	gtacacatgg	300
tgctcaacca	gcagggccgg	ccatcgggcg	atgccttcat	tcagatgaca	tcagcagagc	360
gagccctagc	tgctgctcag	cgttgccata	agaaggatgat	gaaggagcgc	tacgtggagg	420
tggtccccctg	ttccacagag	gagatgagcc	gagtgcgat	ggggggcacc	ttgggcccga	480
gtggcatgtc	ccctccaccc	tgcaagctgc	cctgcctctc	accacctacc	tacaccacct	540
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ccactcaact	ctacctgaac	tacacagcct	actacccaag	tgttgctcca	gtcaggagcc	720
ttggtccgca	tgcaagggtg	cccatacacg	gctggatga	aggatctgct	cagcgtcttc	780
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cgcactgtgt	tacaagcccc	caaggaatgg	gtgtgtttgt	aggagagaaa	gccaggaggt	900
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caacctggta	gcttctttct	ggcttgctcaa	agctctcaga	aggtacctag	aggagcccaa	1020

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tgatggactg	tgctgcagta	tcaccagaag	acattagggg	gcagtagggc	cccacacaaa	1560
accttcaggc	ttgaatttta	aaggggagga	ctttctgcc	acttttcttg	tatgccttgg	1620
gaaagccagt	tgccctgaac	ccagcagaca	ccatggaatg	tcctttgcac	gcattaaatg	1680
gtacagaact	gaagcctcgg					1700

<210> 3379

<211> 1549

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (10)...(1294)

<223> similar to gi310102 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3379

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aaaggagttc	agcctctttt	agatgctgtt	ttagaatacc	tcccaaatec	atctgaagtc	180
cagaactatg	ctattctcaa	taaagaggat	gactcaaaag	agaaaaccaa	aatcctaatt	240
aactccagta	gagacaattc	ccaccattt	gtaggcctgg	cttttaaact	ggaggtaggt	300
cgatttggac	aattaactta	tgttcgcagt	tatcagggag	agctaaagaa	gggtgacacc	360
atctataaca	caaggacaag	aaagaaagta	cggttgcaac	ggctggctcg	catgcatgcc	420
gacatgatgg	aggatgttga	ggaagtatat	gccggagaca	tctgtgcatt	gtttggcatt	480
gactgtgcta	gtggagacac	attcacagac	aaagccaaca	gcggcctttc	tatggagtca	540
attcatgttc	ctgatcctgt	catttcaata	gcaatgaagc	cttctaaca	gaacgatctg	600
gaaaaatttt	caaaagggtat	tggcaggttt	acaagagaag	atcccacatt	taaagtatac	660
tttgacactg	agaacaaaga	gacagttata	tctggaatgg	gagaattaca	cctggaaatc	720
tatgctcaga	ggctggaaaag	agagtatggc	tgctcttgta	tcacaggaaa	gccaaaagtt	780
gcctttcgag	agaccattac	tgcccctgtc	ccgtttgact	ttacacataa	aaaacaatca	840
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aaatctcttt	catccgagca	ggagaagggt	ctcttaaca	agccttggca	aatgcaacat	1140
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acaagtaatt	ggcaggaatt	aaccgacgcc	atggggtaat	cactgggcaa	gatggagttg	1260
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agtgcagaag	ttaaaaataa	gatttatttt	atcttgacct	tttgtgaatg	tgctattttc	1500

ttagatgtat attatctctc tttcttgaat aagcacagat ggacaaatt

1549

<210> 3380

<211> 2580

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6)...(1976)

<223> similar to gil556399 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3380

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acatgctgca	gtggcagcgt	ggacaccttt	ccaactatca	gtacctcctt	cacctcaaca	180
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ggatttttaa	gagttaattc	cagaattcta	tggtgatgat	gtgagctttc	tagtcaatag	600
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ggaacatgat	gtcagtgtag	atacaatcag	tttaaattgt	gcaagcacac	tgtagttttc	1560
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gagaatacag	ggccacacag	gtgctgtgac	atgtatatgg	atgaatgaac	agtgtagcag	1920
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<210> 3381

<211> 2825

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2407)

<223> similar to gi3822218 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3381

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cgcggggagc	caggagctga	ggagcggg	cgtggtgacg	gccacacgga	cttcgtggcg	180
ctgctgacag	ggccgaggtc	gcaggcgggtg	gcacgagccc	gagcctcgct	gctgcgctct	240
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ccaccggcgg	ccagccccag	agaccagaac	tgatccagag	ctggagaaag	aagccgaagg	2400
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ggtggcatcg	aggaccttct	tgcattctcc	tgtgggaagc	ccagtgcctt	tgctcctctg	2520
tcctgcctct	actcccaccc	ccactacctc	tgggaaccac	agctccacaa	gggggagagg	2580
cagctgggcc	agaccgaggt	cacagccact	ccaagtccctg	ccctgccacc	ctcggcctct	2640
gtcctggaag	ccccacccct	ttcctcctgt	acataatgtc	actggcttgt	tgggattttt	2700
aatttatctt	cactcagcac	caagggcccc	cgacactcca	ctcctgctgc	ccctgagctg	2760
agcagagtca	ttattggaga	gttttgtatt	tattaaaaca	tttctttttc	agtcaaaaaa	2820
aaaaa						2825

<210> 3382

<211> 1504

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(1093)

<223> similar to gi5262621 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3382

gcggggcgccc	caaagcagtg	cggggaacagc	tactggcgct	gtccgcctgc	gccccgttca	60
atgtgcgctt	caagaaggat	cacgggctgg	tggggcgagt	gttcgccttc	gatgctactg	120
cccgtcctcc	aggatacgag	ttcgagctga	agctcttcac	cgaatacccc	tgtgggttccg	180
gcaatgtgta	cgccggcgctc	ctggcagtggt	ctcgccagat	gttccacgat	gctctgcggg	240
agccgggcaa	ggcactgggt	tcttcggggt	tcaagtacct	cgaatatgaa	cgccggcatg	300
gatcaggaga	atggcggcag	ctgggcgagc	tgcttaccga	cggcgctccgc	agcttccgcg	360
agccagctcc	cgcggaggcc	ctgccccagc	agtaccacga	gccggccccct	gcggctctct	420
gtggccccacc	cccgcgagcc	ccatcccggg	acctggcgcc	cacgccgcgc	cgtcgcaagg	480
catcccccca	gccggagggc	gaggcggtg	ggaagatgac	caccgaggag	cagcagcaac	540
ggcactgggt	ggcacccggc	ggcccgact	ccgctgagac	ccctgggtgtg	ccctgcacca	600
ttgccgccct	gaagaatgtg	gccgaagccc	tgggcccactc	acccaaggac	cctggcggag	660
gcgggggggcc	tgtgcgtgca	gggggcgcc	gccctgcagc	ctcctccacg	gcccagccgc	720
caacccagca	tcgccttgtg	gcccgcacg	gcgaagcaga	agtcagtccc	acagcggggg	780
ccgaagctgt	cagcgggggt	ggcagcgcca	ctggggcgac	ccctggggcc	cccctgtgct	840
tgtaccctgt	gcagggagcg	gctagaagac	acccacttcg	tccaggtgcc	ctccggtgcc	900
cgaacacaag	ttctgcttcc	cctgctcccc	gaagttcatc	aaggcgcagg	gcccggccgg	960
ggaaggtgta	ctgcccagac	ggagacaagt	gcccgcgtgg	cggtcctctc	gtgccctggg	1020
ccttcatgca	gggcgagatc	gccaccatcc	ttgctggaga	catcaaagtt	aagaaagaac	1080
gggaccccta	ggctaccact	gcctccaggc	tactgccctc	tgcccccttg	ccaccacccg	1140

ctgccgcgga	taaattat	cctccccgac	ccagcccagt	gccacctcta	tctgtgtaca	1200
tactcccttc	ttccaccag	atgggtcccc	tggggtagat	gcattgtggg	tggggggaga	1260
aagcttgtgg	ctcctgtccg	agggggtggt	tgggggtccct	tggccccctcc	agtttccctc	1320
tgtcctcctt	ggcttggctt	tgtctgtgct	tgtagtgtgg	ggagaggtgc	ccccctcctc	1380
cttgagaagg	gacctcctga	aaactcgctc	tttataaacg	aggcaaaagc	atttaattcc	1440
caccccccca	ccccccgctc	ccttctgctc	cttcaataaa	ccgaaagatg	ggtttttttt	1500
tttc						1504

<210> 3383

<211> 1333

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (47)...(1247)

<223> similar to gi5442271 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3383

gccaggccgg	caccaggcac	agacacttat	gcccttgttg	ggagaacaga	gagaggctct	60
cttgtccact	gcctgtcttc	ggttccaact	gctggttctc	ctagaggcct	ctcctcagac	120
tgcgagagct	gcctgatcat	tgtacagaa	tgaactctag	cccagctggg	accccaagtc	180
cacagccctc	cagggccaat	gggaacatca	acctggggcc	ttcagccaac	ccaaatgccc	240
agcccacgga	cttcgacttc	ctcaaagtca	tgggcaaagg	gaactacggg	aaggtcctac	300
tggccaagcg	caagtctgat	ggggcgttct	atgcagtga	ggtactacag	aaaaagtcca	360
tcttaaagaa	gaaagagcag	agccacatca	tggcagagcg	cagtgtgctt	ctgaagaacg	420
tgcggcacc	cttcctcg	ggcctgcgt	actccttcca	gacacctgag	aagctctact	480
tctgtgctga	ctatgtcaac	gggggagagc	tcttcttcca	cctgcagcgg	gagcgccggg	540
tcctggagcc	ccgggcccag	ttctacgctg	ctgaggtggc	cagcgccatt	ggctacctgc	600
actccctcaa	catcatttac	agggatctga	aaccagagaa	cattctcttg	gactgccagg	660
gacacgtgg	gctgacggat	tttggcctct	gcaaggaagg	tgtagagcct	gaagacacca	720
catccacatt	ctgtggtacc	cctgagtact	tggcacctga	agtgtctctg	gaaagagcct	780
tatgatcgag	cagtggactg	gtggtgcttg	ggggcagtc	tctacgagat	gctccatggc	840
ctgccgccct	tctacagcca	agatgtatcc	cagatgtatg	agaacattct	gcaccagccg	900
ctacagatcc	ccggaggccg	gacagtggcc	gcctgtgacc	tcctgcaaag	ccttctccac	960
aaggaccaga	ggcagcggct	gggctccaaa	gcagactttc	ttgagattaa	gaaccatgta	1020
ttcttcagcc	ccataaactg	ggatgacctg	taccacaaga	ggctaactcc	acccttcaac	1080
ccaaatgtga	caggacctgc	tgacttgaag	cattttgacc	cagagttcac	ccaggaagct	1140
gtgtccaagt	ccattggctg	taccctgac	actgtggcca	gcagctctgg	ggcctcaagt	1200
gcattcctgg	gattttctta	tgcgcagag	gatgatgaca	tcttgattg	ctagaagaga	1260
aggacctgtg	aaactactga	ggccagctgg	tattagtaag	gaattacctt	cagctgctag	1320
gaagagctgt	att					1333

<210> 3384

<211> 1067



<212> DNA  
<213> Homo sapiens

<220>

<221> misc\_feature

<222> (26)...(498)

<223> similar to gi3135264 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3384

```
gttccgggag ggcggtgggg cttgaggccg agaacggccc ttgctgccac caacatggag      60
actttgtacc gtgtcccgtt cttagtgtct gaatgtccca acctgaagct gaagaagccg     120
ccctggttgc acatgccgtc ggccatgact gtgtatgtct tgggtgggtgt gtcttacttc     180
ctcatcaccg gaggaataat ttatgatgtt attgttgaac ctccaagtgt cggttctatg     240
actgatgaac atgggcatca gaggccagta gctttcttgg cctacagagt aaatggacaa     300
tatattatgg aaggacttgc atccagcttc ctatttaca tgggaggttt aggtttcata     360
atcctggacc gatcgaatgc accaaatata ccaaaactca atagattcct tcttctgttc     420
attggattcg tctgtgtcct attgagtttt ttcattggta gagtattcat gagaatgaaa     480
ctgccgggct atctgatggg ttagagtgcc tttgagaaga aatcagtggg tactggattt     540
gtcctgttca atgaagtttt aaaggctgta ccaatcctct aatatgaaat gtggaaaaga     600
atgaagagca gcagtaaaag aaatatctag tgaaaaaaca ggaagcgtat tgaagcttgg     660
actagaatth cttcttggtg ttaaagagac aagtttatca cagaattttt tttcctgctg     720
gcctattgct ataccaatga tgttgagtgg cattttcttt ttagtttttc attaaaatat     780
attccatata tacaactata atactaaata aagtgattat tttttacaac cctcttaaca     840
ttttttggag atgacatttc tgattttcag aaattaacat aaaatccaga agcaagattc     900
cgtaagctga gaactctgga cagttgatca gctttaccta tgggtgcttg cctttaacta     960
gagtgtgtga tggtagatta tttcagatat gtatgtaaaa ctgtttcctg aacaataaga    1020
tgtatgaacg gagcagaaat aaatactttt tctaattaaa aaaaaaaa    1067
```

<210> 3385

<211> 1748

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1749)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1326)...(0)

<223> similar to gi4587129 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3385

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gttagcaaaa taccatttta ttaagaaaaa gttggtgtcc tttgctacca aaagggaaga      60
```

aaaggggant	aaaacaaata	cgtagttact	agcaacaaaa	taagacaaac	taatcagaaa	120
tgctgtttat	tgacaagata	gggtgtcaca	aatacatcat	ttatagggag	agaggggaca	180
tgaacaagtc	ccaaaatctt	ataccttctg	cacagcaagc	ccagcagggg	atgtcctctc	240
tagagatcgg	tttatccaag	ggtaccccat	gagaagggca	gctccttgan	tgagctgcc	300
gggaagagca	tcgcacaccg	gttccgtctc	ctggggtctt	ccccagggt	aatggtaaaa	360
gtctggccct	ggaaagtaaa	cgaacgtccc	ttgatgcggt	tcntttgcaa	gtcaaaccct	420
tggcataaaa	tagttcttgg	ccttcaattg	aggtttctcg	aatggcaagc	ctcccagagc	480
tttctgcttt	tctttcgggc	tgatccgtag	ggaaggcttg	cttgaagcca	cccggggaac	540
tttggccact	taaggaacat	gggcacgacc	tttgtcccag	gatagccccg	tcaaccaag	600
atggggctcg	atgggccatg	ttggagaaga	tttaaggcct	tttcttggga	ttcccaagaa	660
tgaactgcgc	aaaagccaag	ttcagcactg	tttcagaggc	caagtactgt	aaccggtaat	720
tccctggagg	gggcnccaat	agtttttagng	cgccncaccg	tngacctcga	gggggggccc	780
gtacccaatt	cgccctgcag	gagcatggca	gcgcgatggg	aggggaggaa	gatcgccagt	840
acagttctgc	cacggacagt	aggacactga	tcaccatttc	tgtgttcttc	agtttctgac	900
aatgaaccaa	caatttttgt	aaaagcttat	gtgcttctga	catttggttc	tgagattgta	960
atacaaccgc	tttctataaa	accaccctct	atgctattga	ggagctgtga	attccctgta	1020
accaagtga	tcaagccaaa	atggatattt	gccaatcatt	tcaattgctc	tgtcaaaact	1080
gtattttttg	atcacataag	catccataac	tgggcgtgct	tgactattag	gcggaaatcg	1140
gttccttcaa	agtgttttaa	cacttcagaa	gctgcaggca	aaacagccct	gctccgcgtg	1200
taagctctgc	gagggtggcag	agtgcgacag	caaaggactc	tgtgttggtc	tgctgcacgc	1260
cccgcattcc	accgcctccc	aggctgtttc	atgctcagca	acatctgggc	ctgttgcaat	1320
gccatgggtg	tgcgggccat	acagcctcca	gatggccgtt	tttctgtgcg	atgctgatat	1380
cgatgagctc	tgacaggctg	tgtttccagt	gcaggaggct	ggagtccttt	agggcatcca	1440
tcagcttggt	tgccgtcttc	ccagcaaaaag	ctctcggtaa	cccaaaatgt	actgccttct	1500
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agctcaaaca	gtgctggaga	cacacgtgat	cgttggactc	ctgggcaatc	ctaattgcct	1620
cctgcagggc	gagctctgcc	tgttgatagt	gaccgaagcg	gcagtgagg	gcggcaagat	1680
tcagagcggc	gtatctcaag	ctccggccat	agccctcttc	cccattactt	ttgcttcgga	1740
cgcggtggg						1748

<210> 3386

<211> 3032

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (10)...(642)

<223> similar to gi5410355 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3386

ggcacgagga	ttcaggaggt	agtgtctattt	tttattggag	tatttcttgc	attagtgtta	60
aatttacttc	agattcagag	aaatgtgacg	ctctttccac	ctgatgtgat	tgcaagcatc	120
ttttcttctg	catggtgggt	acccccatgc	tgtggcacgg	cttctgctgt	gattgggtta	180
ttataccctt	gcattgacag	acatctagga	gaaccacata	aatttaaaaag	agagtgggtcc	240
agtgtaatgc	ggtgtgtagc	agtctttgtt	ggtataaaatc	atgccagtgc	taaagtggat	300
ttcgataaca	acatacagtt	gtctctcaca	ctggctgcac	tatccattgg	actgtgggtg	360
acttttgata	gatctagaag	tgggttttggc	cttggagtag	gaattgcctt	cttggcaact	420
gtggtcactc	aactgtctagt	atataatggt	gtttaccaat	atacatctcc	agatttcctc	480

tatgttcggtt	cttgggttacc	atgtatatatt	tttgctggag	gcataacaat	gggaaacatt	540
ggtcggacaa	ctggcaatgt	acgaatgtaa	agttatcgca	gaaaaaatcc	catcaggaat	600
gaagaaggca	aaaaatatct	tttgtacaga	aaagcaagat	gaaaaggatg	tgaaatggta	660
gatataccaa	caaaacttca	gactgtaaaa	ttgccaggat	gcagttttcc	ccttgattgg	720
ccgtgtgtgt	atatatggaa	taaatatata	tatacacaca	cacatattac	tgcaatcctg	780
tgattgcttc	atctgtaaat	cagttgtaaa	cctttacata	tttgacttaa	ataactgtaa	840
gatatatatg	tactacatta	aaaagtgttg	attaatagat	gaaattttta	aattaatttt	900
ttaaaacatg	ccatacattg	tatcacaaatg	ttaatgtgcc	aagatattgt	tcctgtcatg	960
cagagtataa	gaatgctttg	aacaattttgt	agacttagtg	aaataaaaata	agaggaaagc	1020
caaaaaacaaa	caaacaaaaa	gcatatgggg	agctgggtatt	ttctcttttag	cttactgttg	1080
tgctttttta	tttttctaata	cacagcagta	tgagttatga	gtgccctaata	ttgtgggttag	1140
tttctaattt	aatgttgttt	catagagttt	ggagtgtttt	gatacagggt	gaaaatgaac	1200
ttctggtttc	aaacctgcgt	tactggagac	agcccaaaga	gtaattttct	gttttgacag	1260
gttttactgg	aagtatatgt	gatgagcaga	agaggttatc	agcattaaat	tgttttgggt	1320
ctaaatttgg	aacagtatat	ataattaaaa	gtaaggaaca	ttagaggatt	taattagaat	1380
aaatacatgt	tttggaataa	cagtgccttc	ttgcagtgtc	acaaaagtgc	aaagtgatat	1440
tagctgtcat	ctgcaataca	gaatctcatt	gcttttgcac	atggagcata	taggaaactc	1500
caaacagatc	acaatgaggg	tttctaaatc	tgttgggggt	ctgtcttctt	attgggggtc	1560
tgtgaaggca	aacctgtgta	ggcttttagct	gggggttcagt	catatggact	tcgttgggtg	1620
gggatggcct	agggtttttc	atcttacatg	cagtcttggg	gggtgggatg	aatacataat	1680
ttcttatgta	ttcgtgtatc	cattagtga	tagttcaagt	ctgtttaaga	gtgtattgag	1740
atggcattct	ctgcatgtta	aagatcttaa	tggcaaccag	cacctcttaa	gtatggttta	1800
aacatattct	tagctaattt	tttccattag	tttttgaaat	tgggtggcagt	tgtctgatcc	1860
acaagggcaa	gatcttctga	gtactctggg	gtgtgagtat	gtgtgcacac	gtgtgtgttg	1920
gagtgaagtga	gagaatgtgt	ctgtgcatgt	ggccatgctt	tcctagaatg	tcaagtagat	1980
attttttcac	tttgagtttt	aaagcaatta	ctatcagact	gagatcttgt	atgccaaact	2040
ttaatctgct	tttatgtttt	caggctgaag	gtgtgaaaat	cctaagagga	tttcatattg	2100
aatatgtgta	cacaatctta	actatcgtgg	tggaaaacat	actactataa	tttattatta	2160
tatcttccag	ataatgttat	tcatttagaa	caaataaggt	atatttttta	gaatcaactt	2220
tgtaagcact	ataaaatctt	taataagtta	taaggctctat	gatgtgttta	ctttaaaaat	2280
tgctgttaaa	agcaacacgt	attaaatatg	taattatcat	ctgggttaag	agtctgtttt	2340
tcttctttgt	ggtaagtctt	agaatatggg	actgtggatt	aatctaata	aattaacata	2400
tgtggttgaa	gttaccaaga	aacgatgaaa	agaaactaaa	tatagttgac	ccttgaacaa	2460
caggagttag	gggcaccact	ccccaacata	gttgaaaatc	catgtataac	ttttgactcc	2520
tccaaaactt	aactactaat	agcctactct	tgatgggaag	ccttaccat	aagaaacagt	2580
tgatgaacac	atattgtgta	tggatatatg	attatatact	gttttcttac	aatagtgtaa	2640
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gctgttgccg	gggtggaaga	agatgtgcat	tattagtggg	cccacacagc	tgaaaaccat	2820
gctgttcaag	ggtcaactgt	gtgtgggtatc	ggtgagactg	aatgattatc	gttgggtgttc	2880
ttaaattatt	ttcaggtcct	ctagaaaata	tgataattat	agcaaaaaat	atgattgttt	2940
tgaaattttg	ataaatatat	aaatgtatag	aacctattgt	tttcaatgat	agaaaatggg	3000
aaacattttt	taacattgct	agattggcag	tg			3032

<210> 3387

<211> 1217

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1210)...(0)

<223> similar to gi4886481 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3387
tttttttttt ttctaaatga agtgctttta attttcagac caaacatttt taatataaaa      60
acattttgat aatatacaaa cagcaatcac aacagcatcc acatggcagc aaggggacca      120
gggcacagag agggggagcg ggctggggag ggacagtttt cagggtecca gttgcttccc      180
tggcttgaaa tcaccctggt cctagcagag gacaggttaa ggctgccaga ggcagagggt      240
ccctgaccct ggcccggaga cagactgccc aggcaggccc tctgatacca tcttccaacc      300
atggcagcct ccaggaaaag ccagatccat ttaggagata acaggaaggt ggctgtgatt      360
gacaggaaag gcaacatggt tcctcagcat cctgctgac acacctctgg gaggggctgc      420
tggattgaag aggacctaa aatcttcctg ggagcaggac agaaatggga tctaagtcta      480
cctactaact aacattcccg cctgtgacac cagaaagctg gagtgggtct gctcagatgt      540
acaggaagag aaaggaatga caaagccttt ggctcagcag gactggagcc ttgacaggca      600
ctgaccaaga aagcctctag gtggggcagg gaggtctgtg ggaaagcttt ggatcaatgg      660
tactcaaggg tgcacagtgg cacagtggcc ttagttagaa tttatgaaga cgaaaagaac      720
acaagtcaga atttagaact gaagtacctg cttcttatag gcctgtagag gaaaagcgag      780
atcatccttc tggccaggac taggggagac ccaaggcctg ttctttccta ggggctgagt      840
ttgacagacc tggattgcag ctgatggctc caacagtcct ctagatgggc cctgcaggac      900
tcgctgggag gcctggttgc cctccccggg cgtgctggga cactctgggt tcctgcagtt      960
agatgcagtc catggagttc tcagggagga ggccagggat gcagccaggg agccccaagc     1020
ccttgatagg agtgcagttg agtgggaggc cgcagcccag ggaggggtcc tgggtctcta     1080
tggcctccag cctgtccatg ttgttgtccc agttgatatg gaagcgggtc acccgggggt     1140
tcgaggccaa gatgttcgcg tggagctggg agaaatctgg cttcatgggc gggttctcac     1200
gcagctcagc tcgtgcc                                     1217

```

<210> 3388

<211> 1273

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1273)...(430)

<223> similar to gil397235 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3388
tttttttttc atagtccata gtttattaca aatgcatatt atccaactca gtagaaatcc      60
atgtacccca gaatgtacag aaggtatgca atgttcagga gtgtcattgt cagctctggt      120
tttatatata tattaaatat atacatattt tgagacaggg tctcgctgtc acccaggctg      180
gagtgcagtg gcacaatctc agctcactgc aacctctgcc tcccagcctc aagagatcct      240
cccacctcat ccttctgagt agctgggact acatgcgcat gccaccacac ccagctatta      300
tttttatttc tttttgtaga gacaagggct cactatgttt ctgaggctgg tcttgaactc      360
ctgggtctcaa gtgacccctc tgccttggcc tcccaaagtg ctggaattat aggcattgagc      420
cactgagcct ggcttgatta tctgtttttt gaatagtgc cctaattgtgc ttttccagtt      480
ccagtaactt ttgataaaat ttttcagcag tgtcttcac taggtccac tcttgggtca      540
taatataatt tcttccaaag ccagtgggtg cactcagata tttgatcaga ggattgagag      600

```

attcaggcctt	ttggtggaaa	agccatacca	gagcttctgt	tccattatat	gggtgtcaaag	660
tgaatgcatt	tgcaaaaaag	cgaagtagca	atattgccgg	catcaacagc	gtccatataa	720
acggaggcag	aattccatat	gtcaaattgg	tcaatgctgt	acctggacag	gccacattgg	780
aatagagacc	ctgctgggtg	aagttcctgt	tcaaagccac	actcaaaagg	tcagtggcat	840
atttggaa	gctgtagggt	tccttgccct	tgctgtgctg	gaagtcctcg	aggctgaaat	900
tagatttcct	tgcatcgca	gatgatgtcc	agatgagctg	agatggattg	tcactgtgac	960
agaggagagg	ctccagttcc	cgaatcagga	taaaatggcc	aaagacattg	gtctcaaaca	1020
cctcctgaag	tccatcagca	gtgatcttat	caccctgggt	cagcaggcct	tcagcttgaa	1080
aagaggccaa	agaaaagtgc	tttgatattt	agttgtggat	taggcatgat	cccagcattt	1140
agatatatac	agtctaattc	ctgaaacctt	tgcttaagtt	ccttggaggc	ccggaagacc	1200
gactgcaggt	tgctgacatc	cacctggaca	atggtgacct	cagcagtggt	gtgagaggcc	1260
agcagagcag	cac					1273

<210> 3389

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (348)...(130)

<223> similar to gi1333929 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3389

ggcagcaggc	tcctcacctt	gggctggacg	gggttggcac	taacggggaa	ctttccccag	60
aacatggcca	agctccagga	tgggggtgat	gaggaagga	aggccagtga	ggagaggagt	120
gaggaagagg	acagctgcga	gtcagggtgt	gagagcactt	ggaggggctg	agaggacatg	180
ggctgggagt	gaatgcatgt	gcacatacac	acacacacct	ctccagcata	tgtacacatg	240
cacacacaca	cctctccagc	atatgtacac	atgcacacac	acctctccag	catatgtaca	300
catgcacaca	cacacctctc	cagcatatgt	acacatgcac	acacac		346

<210> 3390

<211> 1118

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4)...(1121)

<223> similar to gi3041847 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3390

ggcagcagga	caagttccgc	ggactggagc	tcagcagaca	atgtactaga	tgggtgectcg	60
ctcgtgccca	agggttcatc	caaagtcaag	aggcgagtcc	gcattcccaa	caagcccaac	120
tacagcetta	acctctggag	catcatgaag	aactgcacgc	gccgggagct	ctccaggatc	180
cccagccgg	tgaacttcaa	tgagccctg	tccatgctcc	agcggctgac	agaggacctg	240
gagtaccacc	acctgctgga	caaggcagtg	cactgcacca	gctcagtggg	gcagatgtgc	300
ctgggtggccg	ccttctctgt	gtcctcctac	tccaccacag	tgcaccgcat	cgccaagccc	360
ttcaacccca	tgctggggga	gaccttcgag	ctggaccgcc	tcgacgacat	gggcctgcgc	420
tccctctgtg	agcaggtgag	ccaccacccc	ccctcagctg	cgcactacgt	gttctccaag	480
catggctgga	gcctctggca	ggagatcacc	atctccagca	agttccgggg	aaaatacatc	540
tccatcatgc	cgctaggtgc	catccactta	gaattccagg	ccagtgggaa	tcactacgtg	600
tggaggaaga	gcacctcaac	tggtcacaac	atcatcgtgg	gcaagctctg	ggatcgacca	660
gtcaggggac	atcgagattg	tgaaccataa	gaccaatgac	cgggtgccagc	tgaagttcct	720
gccctacagc	tacttctcca	aagagggcag	cccgggaaggt	gacaggggtg	gtgagtgaca	780
gccagggcaa	ggcccattac	gtgctgtccg	gctcgtggga	tgaacaaatg	gagtgtctca	840
aggtcatgca	tagcagtccc	agcagcccca	gctctgacgg	gaagcagaag	acagtgtacc	900
agaccctgtc	agccaagctg	ctgtggaaga	agtaccgcgt	gccggagaac	gcggaagaaca	960
tgtactactt	ctcagagctg	gccctgaccc	tcaacgagca	cgaggagggc	gtagcgccaa	1020
ccgacagccg	cctgcggccc	gaccagcggc	tgatggagaa	gggccgttgg	gacgaggcca	1080
ataccgagaa	gcagcggctg	gaggagaagc	agcgcctg			1118

<210> 3391

<211> 1769

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1)...(616)

<223> similar to gi4894362 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3391

aagcagagat	cagcacttaa	taggcattgc	atgggtccaca	caggagagaa	accgtacaga	60
tgtgagcagt	gtggaaaagg	ctttatttgg	aggctagatt	tttataagca	tcaggtggtc	120
cacacaggag	agaaaccata	taattgtaaa	gaatgtggga	agagcttcag	atggctctca	180
tgccttttga	accatcagcg	agtccacagt	ggagaaaaaa	gcttcaaagt	tgaagaatgt	240
gggaagggat	tttatacaaaa	ttcacaaactg	tcttcccatc	agagatccca	cagtggtgaa	300
aagccatata	aatgtgagga	gtgtgggaag	ggctatgtta	ctaagttaa	tcttgacttg	360
caccagaggg	tccacacggg	agagagacct	tataattgta	aggaatgtgg	ggaagaactt	420
tatccggggc	tcaagtattt	tgaatcataa	gagactccac	tgccagaaaa	aaccattcaa	480
atgtgaggac	tgtggaaaga	ggcttgta	caggacatac	cgtaaagacc	agccgagaga	540
ctatagtggg	gaaaacccat	ccaaatgtga	ggattgtggg	agacgctaca	agaggcgctt	600
gaatctggat	atacttttat	cattatttct	aaatgacaca	taattgttca	tatttatggg	660
gtacaacgtg	ctattttaat	gtgtgcatac	aatttatagt	gatccaatca	gtgtaattgg	720
tgtatctgtt	acctcaaaca	tttaccattt	ctttgtgttg	gaaaattcaa	aatccatttg	780
agaggagttg	gtagacagca	aggggaaggg	ccctggagac	ccccagccaa	aggggtcagt	840
gtctcatccc	cacataaac	aaaaagcagc	ctgggggaaga	caatcaagct	acaggcactg	900
ataaggggaa	tagcacaggg	gattgtgcct	ggagacatgc	ccatgcctgc	acagatagaa	960
gaacctccag	cccattcagg	taaaaactcg	cacaaacctc	cggctcactc	agttaaggga	1020

acaagaccag	acacagaaat	gcctttgtcc	tttgtataat	cagcaggctc	cgaggaaaaa	1080
gtttcttctt	ttgtgggcat	gaacacagt	ggcttcagta	ggttcagggt	ggcactttct	1140
tttgtggaaa	aggaaaagcc	cagcctctgt	aaatcatcac	ttcaactcct	gattgggtccc	1200
gggccaagct	gaatagccct	tatgaatcat	cacttcgggt	cctgattggg	cccgggccaa	1260
ggteccagac	caagctgaat	cacgctttct	ccaagacagc	ccgcaggcta	agtgcattcc	1320
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gatccccatc	tccactgtgg	agagcttttt	tctttcactt	attaaacttt	tactccaatt	1440
tcacccttgt	gtctgtgctt	cttaatcata	ttggacgtga	gattaagaac	tccgggggat	1500
acatcacaag	agagactgtt	acagtgtggt	gcatttgtga	gactacaaca	catttttagc	1560
aatttgtaaa	taattgttga	tgatagtcac	ctttagtgtc	gcagaacagt	agaacttatt	1620
cttccccctc	acctcttttg	tatctgttgg	ccaacctttg	gccatctcac	ctacctccta	1680
cacttccttg	cctgtctaca	tccacgtgtt	ctactctcta	ctacaaaate	aacttttttt	1740
aacttgccct	cgtgccaa	ttggcgtaa				1769

<210> 3392

<211> 2773

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2774)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (66)...(2332)

<223> similar to gi3880563 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3392

gcggccgcaa	gaaggccaca	ggcagccccc	tgtccatctt	cgtctatgat	gtgaagcctg	60
gcgcggaaga	gcagaccag	gtggccaaag	ctgccttcaa	gcgcttcaaa	actctacggc	120
acccaacat	cctggcttac	atcgatggac	tggagacaga	aaaatgcctc	cacgtcgtga	180
cagaggctgt	gaccccgttg	ggaatatacc	tcaaggcgag	agtggaggct	gggtggcctga	240
aggagctgga	gatctcctgg	gggctacacc	agatcgtgaa	agccctcagc	ttcctggtea	300
acgactgcag	cctcatccac	aacaatgtct	gcattggcgc	cgtgttcgtg	gaccgagctg	360
gcgagtggaa	gcttgggggc	ctggactaca	tgtattcggc	ccagggcaac	gggtgggggac	420
ctccccgcaa	ggggatcccc	gagcttgagc	agtatgaccc	cccggagtgt	gctgacagca	480
gtggcagagt	ggtcagagag	aagcggtcag	cagacatgtg	gcgcttgggc	tgcctcattt	540
gggaagtctt	caatgggccc	ctacctcggt	cagcagccct	acgcaaccct	gggaagatcc	600
ccaaaacgct	ggtgccccat	tactgtgagc	tgggtgggagc	aaacccaag	gtgcgtccca	660
acccagcccc	cttctgcag	aactgccggg	cacctgggtg	cttcatgagc	aaccgctttg	720
tagaaaccaa	cctcttctctg	gaggagattc	agatcaaaga	gccagccgag	aagcaaaaat	780
tcttccagga	gctgagcaag	agcctggagc	cattccctga	ggatttctgt	cggcacaagg	840
tgctgcccc	gctgctgacc	gccttcgagt	tgggcaatgc	tggggccgtt	gtcctcacgc	900
ccctcttcaa	ggtgggcaag	ttcctgagcg	ctgaggagta	tcagcagaag	atcatccctg	960
tggtggtcaa	gatgttctca	tccactgacc	gggccatgcg	catccgcctc	ctgcagcaga	1020
tggagcagtt	catccagtac	cttgacgagc	caacagtcaa	caccagatc	ttccccacg	1080
tcgtagatgg	cttcttggtg	accaaccctg	ccatccggga	gcagacgggc	aagtcctatg	1140

tgctcctggc	cccaaagctg	aacgaggcca	acctcaatgt	ggagctgatg	aagcactttg	1200
cacggctaca	ggccaaggat	gaacagggcc	ccatccgctg	caacaccaca	gtctgcctgg	1260
gcaaaatcgg	ctcctacctc	agtgtagca	ccagacacag	ggtccttacc	tctgccttca	1320
gccgagccac	tagggacccg	tttgaccgt	cccgggttgc	gggtgtcctg	ggctttgctg	1380
ccaccacaa	cctctactca	atgaacgact	gtgccagaa	gacctgcct	gtgctctgcg	1440
gtctcactgt	agatcctgag	aaatccgtgc	gagaccaggc	cttcaaggcc	attcggagct	1500
tcctgtccaa	attggagtct	gtgtcggagg	acccgaccca	gctggaggaa	gtggagaagg	1560
atgtccatgc	agcctccagc	cctggcatgg	gaggagccgc	agctagctgg	gcaggctggg	1620
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caacagaaac	caacattccc	caaagaccca	cgcctgaagg	agttcctgcc	ccagcccca	1740
ccccgtttcc	tgccaccctt	acaacctcag	gccactggga	gacgcaggag	gaggacaagg	1800
acacagcaga	ggacagcagc	actgctgaca	gatgggacga	cgaagactgg	ggcagcctgg	1860
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gccgtgctag	tcaggtcagc	aactccgacc	acaaatcctc	caaatcccca	gagtcggact	1980
ggagcagctg	ggaagctgag	ggctcctggg	aacagggctg	gcaggagcca	agctcccagg	2040
agccacctcc	tgacggtaca	cggctggcca	gcgagtataa	ctgggggtggc	ccagagtcca	2100
gcgacaagg	cgacccttcc	gctaccctgt	ctgcacgtcc	cagcaccag	ccgaggccag	2160
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agctggcccg	gaagaagcgc	gaggagcggc	ggcgggagat	ggaggccaaa	cgcgccgaga	2280
ggaaggtggc	caagggcccc	atgaagctgg	gagcccggaa	gctggactga	accgtggcgg	2340
tggcccttcc	cggctgcgga	gagcccggcc	cacagatgta	tttattgtac	aaaccatgtg	2400
agcccggccg	gcccagccag	gccatctcac	gtgtacataa	tcagagccac	aataaattct	2460
atttcacacc	ccttgtgccg	ggctcagtct	agcccctggg	aggcggctgg	ggtctggcgc	2520
cgcctgcgc	agcccgccgc	cacgtcagac	gtgaacatca	atttgcttcg	aaagccaagg	2580
gtaaagaggc	acgatctgat	ttatcagttt	ctagggaac	accctttggg	aggggaaggca	2640
ggcagcggcc	gccggnagga	cctttacaac	cggcccgcta	acctggggag	gggggccggg	2700
agggcgccctc	gggtctcaag	gcgcctggga	gggtctagcg	gccctgaagg	tcccttggtc	2760
cgagccacag	tcg					2773

<210> 3393

<211> 2108

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (459)...(1694)

<223> similar to gi3043548 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3393

tttcgtcggg	tgcactcttc	ctatagccca	gagggcgaga	gggcctgtgg	cctgggggaa	60
ggaggacgag	gttctgcctg	gatcccagca	gtaggacgct	gtgccatttg	ggaacaaagg	120
aatagtctgc	ctggaatccc	tgcagatctt	ggggccggag	gccagtccaa	cccttgaggc	180
aggaagaaac	gcaaagttgt	caagaaccaa	gtcgagctgc	ctcagagccg	gcccgcagta	240
gctgcagact	ccgcccgcga	cgtgtgcgcg	cttctctggg	ccagagcgag	cctgttttgt	300
gctcgggtta	agagatttgt	cccagctata	ccatggggccg	cactcgggaa	gctggctgcg	360
tggccgctgg	tgtggttatc	ggggctgggtg	cctgctactg	tgtatacaga	ctggcttggg	420
gaagagacga	gaacgagaaa	atctgggacg	aagacgagga	gtctacggac	acctcagaga	480
ttggggttga	gactgtgaaa	ggagctaaaa	ctaacgctgg	ggcaggggtct	ggggccaaac	540



ttcaggggtga	ttcagaggtc	aagcctgagg	tgagtttggg	actcgaggat	tgtccgggtg	600
taaaagagaa	ggcccattca	ggatcccaca	gcgaggggtg	tctagaggcc	aaggccaagg	660
cccttttcaa	cacgctgaag	gaacaggcaa	gtgcaaaggc	aggcaaaggg	gctaggggtg	720
gtaccatctc	tgggaacagg	acccttgcac	cgagtttacc	ctgcccagga	ggcaggggtg	780
gaggctgcca	ccccaccagg	agtggatcta	gggcccgggg	cagggcaagt	ggaaaatcca	840
agggaaaagg	ccgaagtaag	agcaccaggg	ctccagctac	aacatggcct	gtccggagag	900
gcaagttcaa	ctttccttat	aaaattgatg	atattctgag	tgctcccgc	ctccaaaagg	960
tcctcaacat	cctggagcga	acaaatgata	cttttattca	agaagtagcc	ttgggtcactc	1020
tgggtaacaa	tgcagcatat	tcattttaacc	agaatgccat	acgtgaattg	gggtggtgtcc	1080
caattattgc	aaaactgata	aaaacaaaag	accccataat	tagggaaaag	acttacaatg	1140
cccttaataa	cttgagtgtg	aacgcagaaa	atcagggcaa	gattaagacg	tacatcagtc	1200
aagtgtgtga	tgacaccatg	gtctgtcgtc	tggactcagc	tgtgcagatg	gctgggctaa	1260
gactgttaac	caacatgact	gtgactaatc	attaccaaca	tttgctttcc	tattcttttc	1320
cagacttttt	tgctttgtta	ttcctgggaa	atcacttcac	caagatacag	attatgaaac	1380
taattataaa	ctttactgaa	aatccagcca	tgacaagaga	gctgggtcagt	tgtaaagtac	1440
catcagaatt	gatttccttc	tttaataaag	aatgggatag	agagattctt	cttaatatcc	1500
ttaccctatt	tgagaatata	aatgacaaca	taaaaaatga	agggtctgca	tcattccagga	1560
agaatttcag	cagaagttca	ctttttttct	tattcaaaga	gtctggagtt	tgtgttaaga	1620
aatcaaagc	actagcaa	cacaatgatc	tgggtggtgaa	agtaaaagtc	ctgaaagtat	1680
taaccaaaact	ctaatttggg	gtctgtccca	aacaatattg	agatatttgc	agttggtacg	1740
atgtgatttg	taaattcttt	gtttttcatt	gtgcgtatat	ggtaaagaga	tcttttcagc	1800
tgctattttg	gaataatgac	tatcatatat	cataacagtg	actgatgttg	gttgtaattg	1860
ttgggttttag	ggatgaccca	ttttaaggat	gcccaaata	aatattagga	tttgggaccc	1920
agaaagaatt	tattgatttg	atcttattac	ctagattgag	attttttaat	ctttcctcta	1980
cctaaactga	caatgaattg	gttatacatc	atgcataagc	taccctttta	tattagttta	2040
tatttgttat	tttaaaactt	gtgtttcatc	aataaagttg	tgttttaagc	agcagaaaaa	2100
aaaaaaaa						2108

<210> 3394

<211> 1137

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1134)...(427)

<223> similar to gi3882211 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3394

ttttttaaac	tagtacacac	ttaggtgcaa	acctcggttt	attacgttct	ttggttaaat	60
attgtttcta	catcctttca	gagcattagg	agaacaaaga	taatatttga	tagaaagact	120
gaaaacacaa	tcctttgctt	ttcagagaaa	agactgaatt	tacactggta	ctgttagaaa	180
ttcttataat	taggctagac	gtctatttta	gagaaagtta	gggcttttgc	tgttgcttgt	240
atgttttgaa	aaatacatc	ccctggggct	agccaacatc	actgtcctga	gaccagacc	300
ttcagggagt	ctcttgataa	aggctgctcc	gcacatgggt	caggaaaagt	cggggtcagc	360
tccatcatgt	ccgaggactg	catgggttca	gtgttgccca	tcactgcggc	aacggcttct	420
gcccaccatc	tctttctgga	atacagacag	attttgggtg	aaacctgtct	ctgttcttga	480
cggacagggt	ctgctccact	ccttccatta	ggtttctgaa	gcactgggca	aggacctcct	540
gcttggggag	gggctggctg	tttatcaaac	ttgctctcag	ttcactgaaa	tacttctcat	600

tgagcaggat	gagccccagg	agaggcctgg	atactgacca	ctgggtccga	cagtcttcaa	660
agacaatggt	gttcatgagg	acagacatca	tctgctgcag	gacatctggg	ttttgctgca	720
taaaatgtaa	tagtctctga	ccagcctggg	tagcctctct	gccatcgaag	tggccttctt	780
gcccctcttt	tgctatgtgc	ttgaagaggt	aggtgacgat	gtagtctaaa	ctggtacagc	840
agctggagga	gacaactgta	tcaagagtag	tgagtccctc	tgagatagat	gtgagaacat	900
acatgagtac	aggaggctct	aagttgatga	tgaagctcat	atggtcctga	gtgagacatt	960
ccaggagtgg	ataataagac	tggctcagtt	tccggtattg	tagcaagtca	ctgtgggaca	1020
ctgacagcag	cattttgaca	aaagcctgga	gtacattgtc	aaaatgggtg	tccccataca	1080
acttgaagac	gccaaagctg	acataatttc	cacacaaggc	agacttgagc	tcgtgcc	1137

<210> 3395

<211> 2457

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (51)...(1573)

<223> similar to gi530823 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3395

agcggccgca	gacctgaag	ggacaccagg	agaagattcg	gcagcggcag	tccatcctgc	60
ctcctcccca	gggcccggcg	cccatccctt	tccagcaccg	cggcggggat	tccccggagg	120
ccaagaatcg	cgtgggcccc	caggtgccac	tcagcgagcc	aggtttccgc	cgtcgggagt	180
cgcaggagga	gccgcgggcc	gtgctggctc	agaagataga	gaaggagacg	caaatcctca	240
actgcgccct	ggacgacatc	gagtggtttg	tggcccggct	gcagaaggca	gccgaggctt	300
tcaagcagct	gaaccagcgg	aaaaagggga	agaagaaggg	caagaaggcg	ccagcagagg	360
gcgtcctcac	actgcgggca	cggccccccc	tctgagggcg	agttcatcga	ctgcttccag	420
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gccgcggagc	tcgtgcactt	cctcttcggg	cctctggacc	tgatcgtcaa	cacctgcagt	540
ggcccagaca	tcgcacgctc	cgtctcctgc	ccactgctct	cccagatgc	cgtggacttc	600
ctgcgcggcc	acctggtccc	taaggagatg	tcgctgtggg	agtcactggg	agagagctgg	660
atgcggcccc	gttccgagtg	gccgcgggag	ccacaggtgc	ccctctacgt	gcccaggttc	720
cacagcggct	gggagcctcc	tgtggatgtg	ctgcaggagg	ccccctggga	ggtggagggg	780
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cagaagcaca	gccccacttc	agagcccacc	cccccggggg	atgccctacc	accagtcagc	900
tccccacata	ctcacagggg	ctaccagcca	acaccagcca	tggccaagta	cgtcaagatc	960
ctgtatgact	tcacagcccc	aaatgccaac	gagctatcgg	tgctcaagga	tgaggtccta	1020
gaggtgctgg	aggacggccg	gcagtggtgg	aagctgcgca	gccgcagcgg	ccaggcgggg	1080
tacgtgccct	gcaacatcct	aggcgaggcg	cgaccggagg	acgccggcgc	cccgttcgag	1140
caggccggtc	agaagtactg	gggccccgcc	agccccgacc	acaagctacc	cccaagcttc	1200
ccggggaaca	aagacgagct	catgcagcac	atggacgagg	tcaacgacga	gctcatccgg	1260
aaaatcagca	acatcagggc	gcagccacag	aggcacttcc	gcgtggagcg	cagccagccc	1320
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<210> 3396

<211> 3398

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3399)...(700)

<223> similar to gi2252820 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3396

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<210> 3397

<211> 1372

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1373)...(13)

<223> similar to gi3341990 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3397

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cattcgatgg	taccgcgttt	tctttcaata	attctttaaa	agcttgcttt	gcctcttctc	180
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taaaatcagc	tacagtttct	tgcttagatg	tttcttctcc	agtattactg	gatacttcca	300
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<210> 3398

<211> 6305

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6306)...(269)

<223> similar to gil504030 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3398

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gccat						6305

<210> 3399

<211> 2290

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2291)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2284)...(430)

<223> similar to gi29865 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3399

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tcatgtagat	aactttacat	ttctttcaat	aactttattc	tttacaaaat	atacaataa	180
attaaanaaa	acaattcaac	ttttaaaagg	gattacccat	atgcaagaag	aaggtattgc	240
tatcacccat	tctaaattcc	cccaatgcat	tcatttctctg	ttcccttate	tttcaactct	300
agtggcaaa	taaagactga	attgaaatta	agctggcact	acaacatcat	taccagggat	360
agacacataa	acaaagtcac	ttccaaataa	ggaatgctgg	atctccagag	aagtgcacaa	420
gaggagtcta	ctgagttttg	cactcaggca	catecttgcc	tgaggaggcg	tgcccaagga	480
cctggctgag	aatccacact	ctctgctcct	gcatttttga	cctctggaca	aaggcctaaa	540
cttgagttat	caaaatagcg	aactggatga	ggtgatggta	aagactttga	tcggctatca	600
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cgaattccgc						2290

<210> 3400

<211> 5221

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5222)...(2576)

<223> similar to gi3043712 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



<400> 3400

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taaaggttta	tacctcaaag	aaaataggca	tgtgtccaaa	agacaattag	aaagcaagaa	180
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caatgaagat	ttagggcata	ggaaaatgct	tgtcacctta	aggtttttaa	atataactgt	300
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c						5221

<210> 3401

<211> 309

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (253)...(11)

<223> similar to gi4567174 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3401

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gatgggatct	gaggcggggc	tgggaagagg	tactgttg	caaacacgt	ctgggtcca	180
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<210> 3402  
 <211> 3542  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3543)'...(1622)  
 <223> similar to gil469888 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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ttggccatgc	ggtgcagcag	cccgggcacc	tgtgcagct	gctggcgcg	gtgctccaca	3180
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cgcacctccc	gggctgcctc	gtcctcctcc	tcttctacct	cctccacttg	catgatccca	3360
aacacttccc	cagcgtcgaa	aacctcgtgc	tccagcttgt	gcaggaggcg	gccccagtaa	3420
cgttcgggga	ccccgaagc	gcgcagcgcc	gggccgtgca	gcgccgcgaa	ctcggccaag	3480
gctgcgcgc	cctcctccgg	cgtctggccc	gggctgctac	gctccgcagg	ccggcgctcg	3540
gg						3542

<210> 3403

<211> 1750

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1751)

<223> n = a,t,c or-g

<220>

<221> misc\_feature

<222> (1752)...(1407)

<223> similar to gi3925215 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3403

aaagatcgaa	cccccaattct	attctattct	gacataatgc	tcataatgct	cctaaaggaa	60
aaaagtaaaa	ttgtttattt	tcctcccaag	caaaacaaaa	tgaacaagtt	caatcaaaaa	120
catcccaatg	gaaaaaaatc	acactaagaa	taaaacactt	acagaacggc	aagaaaactg	180
ggttaacata	taaattttgt	tctgttgaaa	ccagagtaca	tgctagaaaa	cattaacaca	240
gatacgacag	agtgtggttt	ttttttagaa	atgggtaatt	tctctctcca	gtatcctttc	300
acttgatga	gatatttctc	ctctcctgtt	ttcacaaacc	aagaaatccc	caggtaggcc	360
aatcccagag	gtgccattta	gcagtatgca	gcagcccagt	ttcagcataa	caaaacatgc	420
cttggttagtg	gctctctcat	gcaaataaaa	gaaagcttaa	gaaattcttg	ttgtagggtg	480

attaggcaag	gctgccattc	agctgggtata	agctaaaagt	aaaaaatcaa	aacgctcaag	540
aaaacggaca	caatttttga	atgattaaag	atgtctttat	aaagtttttt	tcaagacttc	600
attctaaata	cacagaataa	aaaatggtgt	cagctcactt	gtaagacacc	aaccagattt	660
tccttatact	gtctcaaaat	ttaaagatca	atttccccag	agggtgtgca	atgcatcata	720
aatggccct	tttttgagga	tgggagagga	agggttgggc	aggatggaat	attaaattgt	780
aacatgataa	acatgcaaga	ctgttatcca	atctagataa	tttatataca	ttttgatgac	840
ttaggaaaac	aaagcaatca	tttgtgacaa	gcctaaaaag	cttgacatat	ttaacatact	900
taggaacttt	ttttgtgctg	tgggaattct	ctaattgtat	catgtgggct	ttttgaaagt	960
aacaaacaga	aggccagtct	gttgcaagtt	tgctgtgtaa	catcacattc	caccctaaga	1020
aaacacaagg	tggattgcat	cgagggtgga	taccttacct	tagcacagaa	ggaaaaagta	1080
tgctcagtga	aagtatggac	taaactgctt	tcaggaaaaa	agttgtaaaa	attgatacag	1140
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ccactccaat	ttctgcagtt	taaaactttc	tctacttatt	tagttttctc	ctctgagttc	1260
aaccgctgct	ggattcgttt	ggcataactt	tgtgccatgg	agttaatgat	agataggatg	1320
aagtaacaca	ccatgacaac	gaccaacttt	tcaaacatcc	aggacaacca	gttttctccc	1380
tgtggtgtgc	ccatttcgct	tttgtggtga	agcttctgcc	gttgagcctc	caggactacc	1440
tgaatggct	tctgcagaga	tggacctatg	ccggggacag	caccaatgaa	agccaccatt	1500
tgctccacta	tgtgcttgct	gaatgttatt	ataacaaaaa	ttttctggat	atgcattttt	1560
attattgctt	ttccaattag	gttgaccaa	gaggtccaac	caatcaacaa	ncaagngttt	1620
tgaccccatg	aatgtgtcc	acacgttatt	ccagccagat	caaataaagg	atttggaat	1680
tgaagcacag	gccaaaattc	caaaaaatcc	aactttctgt	actagttttt	gaactgccag	1740
tttgcccg						1750

<210> 3404

<211> 2487

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2488)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2488)...(186)

<223> similar to gi36122 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3404

tttttttttt	ttactatcta	caaaaattta	ttatatattt	acagaagaaa	agcatgcata	60
tcattaaaca	aataaaaatac	tttttatcac	aacacagtac	atatttgtca	tttttaaaaa	120
gccacacaat	agaaacaaga	caccaagata	tttaattatc	ttgttgactc	ctgtaaaaata	180
gctaaacact	catcattcgc	ggtgcaatac	tcatagacat	aagttcctga	aacaatagtt	240
tgcattgcgt	aggcattcgc	accaaaagaa	tctgggtttt	attgcccag	cccctgcatt	300
catatgtatg	ggtcctggtg	ttggcaatcg	ccattattcc	acaaagattg	caaacatgaa	360
cctgatatgg	atctgatgcc	tcaaacaatc	tttcccttaa	aaactgggct	gctccatggg	420
caatctgaca	atctcggtcc	atttctccaa	aacgcaggcc	accatcacga	gatctaccct	480
ccatgggctg	tctattgagg	atctgaatag	gtcccctagc	acgagagtga	atcttatcat	540
ccaccatatt	cttcaaacgc	tggtaataag	tggggccaat	aatattttgt	gatgtgattt	600

ttcgaccagt	gaacccattg	tacaggacct	catttcctct	gagatgatag	ccataatcag	660
ataaaagatt	agaaatcttc	tgcacgttaa	cagcatcatt	aaatggagtg	gcatacacc	720
tttcaccctt	gttagccgat	accttcctct	gaaggcattc	aattaagtga	ccaatagtca	780
tacgagaggg	gatggcatgg	ggattgatga	tgatatcagg	ggtgatacct	tcacaggtga	840
aaggcatatc	ctcttgctca	tactgaatac	cacaagtacc	cttttggacc	atgtcgaact	900
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atttaatatc	ccttcctctg	attgaagagt	taccataaac	ctgatccac	aatgcccgtc	1020
tcactagttc	ctgagaaaag	tgctacagtc	tcttcttggt	atagcggctc	attggtgctc	1080
tcccaaattc	atcttcattt	tccaggcaag	gtgactgttt	tgcctataat	aacatcatct	1140
cctgatacca	cgaacccctt	gggagctatc	aaaaccnatc	atcatccagc	ttgtcgtaaa	1200
tggcatgcgc	gtcntgccct	ggcatggctt	acgtgtaggc	ttctcaaaaa	cttcttcttg	1260
atcaaactct	tttttagact	cctgttcttt	gtatgagcga	tagaaaacag	acctgaagaa	1320
gccgcggtcc	tacagctgaa	cgattcatga	taacagagtc	ttccctgatt	atatcccgat	1380
gtatgatgca	atggccacaa	ttgagttgat	gcctgctggc	agctctctaa	atcgtagata	1440
ttccatagac	cgtgtagtca	caagtggctt	ttgaggataa	tagagaacat	gggccaatgt	1500
gtccatgcga	acatggaagt	tggtgatgta	aactcccata	gcctgcttac	ccatagcaga	1560
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accaaggatc	attgagggat	gaatctcaca	gtgtgtatat	gtggaacaat	aagctacttc	1680
tttctcctgt	aatcatctg	gagtcattgc	aagcatcact	gtttcttctt	ccagggtatc	1740
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ctctttcaat	tggtcaatat	gcctcttctt	caaaagtagc	ttttgttttt	ccacaatcag	1860
aagtggctca	caaatacggc	ctgcatccgt	atagatccga	atctccctct	ctcgaatatc	1920
tctgatcata	gaaacttcag	acacaatgat	gtccatctga	cgtctcaatt	tccttagggg	1980
gttcataagt	tggtcgggat	ctttatgtat	tccaaccag	cagccattaa	caaaaatctt	2040
ggttgcatca	gcaatagctg	caggagaaat	ttcttctaaa	ttttccatac	tccattcttc	2100
taaaaattcc	agaattggag	atggttgaga	tccaactgaa	atatacgcca	tcaaggctaa	2160
attcttcaca	agtcctacag	catggccctc	tggggtctcg	gcaggacaca	ccattcccca	2220
caacgtatta	tgcaactgtc	ttggttttgc	tagcttgccg	tctctaccaa	taggagaatt	2280
taaacgacgc	aggtgagaaa	gagtagacgc	aaaagtcagg	cggtttaaca	cctgagatac	2340
tccagctctg	gcttgatgag	ctttcttttg	atcacccag	tttccagtag	ctaaagagta	2400
ttttaggcca	tcagatatga	tccgtgtttt	aattgccaac	tccaagttaa	aatcctttcc	2460
tcgatcaata	aattttctgtg	catagat				2487

<210> 3405

<211> 1333

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (18)...(960)

<223> similar to gi2506078 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3405

aagcttggca	cgaggggtctt	gtcagcagcc	cggccattgg	agcatatctt	tctgccagtt	60
acggagacag	cctcgttgtg	ctggtggcca	cagtgggtggc	tcttctggac	atctgcttca	120
tcttagtggc	tgttccagaa	tctctgcctg	agaaaatgag	accggtttcc	tggggagctc	180
agatttcttg	gaaacaagca	gacccttttg	cgctggtgaa	gaaagttgga	aaagattcta	240
ctgtcttact	aaatctgcat	caccgtgtgt	ctttcatacc	ttcctgaagc	tgggacagta	300

ttcaagtttt	ttttctctat	ctcagggcag	gtcatagggt	ttgggatctg	ttaaaattgc	360
agcattcata	gctatggtag	gaattctgtc	tattgtggct	cagacggcct	ttcttagcat	420
cttgatgaga	tcattaggaa	ataagaatac	tgctctcctt	ggcttgggct	tccagatgct	480
ccagttagcc	tggtacgggt	ttggatcaca	ggcctggatg	atgtgggcag	cagggaccgt	540
ggctgccatg	tccagcatca	cgtttcgggc	aatcagtgcc	ctcgtctctc	ggaatgcaga	600
gtcagatcag	caaggagttg	cccaggggat	cataactgga	ataagaggac	tatgcaatgg	660
cctggggcca	gcactgtatg	gcttcatatt	ctacatgttc	catgtggaac	tgactgagtt	720
gggcccga	ttgaattcta	acaacgttcc	cctgcaggga	gctgtcatcc	caggcccgcc	780
gtttttat	ggggcatgta	tagtccttat	gtcttttctg	gctgccttat	tcattcctga	840
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caccccgaa	cggggcagtg	atgaggacat	tgagccacta	ctgcaagaca	gcagcatctg	960
ggagctctct	tcatttgagg	agcctgggaa	tcagtgcact	gagctgtaaa	ctcggcagaa	1020
agtgggatcc	tgcatacgcc	atctctgaga	gccatggagg	gagccacacc	cctggtgact	1080
tcattggtgt	ggatgggaga	cgctagcggc	atccttcagg	gccaaagttg	ataaatacca	1140
ccgccatcat	tctgtctatc	ctcctcctgt	tttttttttt	ctcttacatt	cttttttttt	1200
tcccggttaa	tccttaaaac	cagaaaaaaa	ttggaaaaac	ttctttgcaa	aaagggggca	1260
actcccaggg	ggaacctcaa	ataaaaaaag	cattcttttg	tgaaaaaagg	agggcttcct	1320
tgaaaggaca	aaa					1333

<210> 3406

<211> 2127

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (18)...(1455)

<223> similar to gi5006265 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3406

tgctcattgg	ggcccagggt	ctcctgggca	tgggtgctac	ccctgtgcag	cccctggggc	60
tctctacat	cgacgaccac	gtgcggagga	aggactcctc	gctctatata	ggaatcctgt	120
tcacgatgct	ggtatttgga	ccagcctgcg	ggtttatcct	gggctctttc	tgtacaaaaa	180
tctacgtgga	tgcggtcttc	attgacacaa	gtaacctgga	catcactccg	gacgaccccc	240
gctggatcgg	agcctgggtg	ggtggctttc	tgctctgctg	tgcttacttc	ttcttctctt	300
ccctcttgat	gtttgggttt	ccacagtccc	tgcccccgca	ctcagacccc	gccatggaaa	360
gcgagcaggc	catgctctcc	gaaagagaat	acgagagacc	caagcccagc	aacgggggtcc	420
tgaggcaccc	cctggagcca	gacagcagtg	cctcctgttt	ccagcagctg	agagtgatec	480
cgaaggctac	caagcacctg	ctctcaaacc	ctgtgttcac	ctgcatcatc	ctggccgcct	540
gcatggagat	tgcatgggtg	gctggcttcg	ctgccttttt	ggggaagtac	ctggagcagc	600
agtttaacct	caccacctct	tctgccaacc	agctgcttgg	gatgactgcg	atcccgtgtg	660
cttgtctggg	tatcttctct	ggaggtcttt	tggtgaagaa	gctcagcctg	tctgccctgg	720
gggccattcg	gatggccatg	ctcgtcaacc	tggtgtccac	tgcttgctac	gtctccttcc	780
tcttctctgg	ctgcgacact	ggcctgtggg	ctgggggttac	tgttccctat	ggaaacagca	840
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ctggctgcaa	cagcacgaat	ctcacgggct	gtgcgtgcct	caccaccgtc	cctgctgaga	1020
acgcaaccgt	ggttcctgga	aaatgcccc	gtcctgggtg	ccaagaggcc	ttctcactt	1080
tcctctgtgt	gatgtgtatc	tgcagcctga	tgggtgccat	ggcacagaca	ccctcagtea	1140

tcctcctcat	caggacagtc	agccctgaac	tcaagtctta	cgctttggga	gttctttttc	1200
tcctccttcg	tttggtgggc	ttcctccctc	caccctcat	cttcggggct	ggcatcgact	1260
ccacctgect	gttctggagc	acgttctgtg	gggagcaagg	cgctgctgc	ctctacgaca	1320
atgtggtcta	ccgataacctg	tatgtcagca	tcgccatcgc	gctcaaatec	ttcgcttca	1380
tcctgtacac	caccacgtgg	cagtgcctga	ggaaaaacta	taaacgctac	atcaaaaacc	1440
acgagggcgg	gctgagcacc	agcacagagt	accaagacat	tgagactgag	aaaacctgcc	1500
ccgaatcaca	ttcaccttca	gaagactcct	ttgtgagaag	ctgagggcct	ggccctcttc	1560
ctcttcctgg	agagaacagc	cctccaccac	ccacagacct	cgcgggcctc	acttagcgtg	1620
ctctccctg	tccgagaacc	cgaggggtccc	catgtggatt	atccagccag	tgtgtgggtcc	1680
tttgaggccc	caagcgcagg	cctgtgatga	ggaccaaaga	ggtgacttat	ggtcaggagt	1740
actccaaaca	gctctcagag	taggcattctt	tcctgggtct	ctaaagagtc	atgctgacct	1800
ggtgtgcaaa	ttcccttcca	cccatccctc	tacctctct	ggggatggct	tgccgacatg	1860
cttttagaaac	ttccctcttg	ggaatgctcc	tctgactgag	ggctccaaca	gctttaatga	1920
aatcagccga	gagggtaaaa	accaacctgt	tgcattgaat	ggagggggga	aaaagcacat	1980
actcaataga	tttttgagtg	tggtactctg	tatttttgca	gcgtttattt	tccaaatgag	2040
cagtttagaa	atatgtgatg	taaagtacat	actgtacgtt	tgctgaaaat	tatattaaaa	2100
gcactatttt	aattcttaaa	aaaaaaa				2127

<210> 3407

<211> 1859

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1860)...(794)

<223> similar to gi5262712 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3407

aagtctcatg	gtgattgatc	ttcgtctgcg	tgggggtgtat	ggttggttaat	ctttctctct	60
ggcagttagg	gcacacacga	attcctagca	tccccactcc	agcgaaacac	ttgtgcacag	120
attacaaaca	ccaatatgat	tttattcaaa	cacaggcaag	aacaatgacc	ttcagagctg	180
ggtaaaaata	ataagttaaa	agcatgggta	gaatttttaga	caatcagata	aaaagtttga	240
aggaagtgat	ttcccccttc	tctcctaatt	gattaattca	acacagcata	aaaataattt	300
gtatctataa	aatatccttg	ttccacacac	aatgaactgg	aggtggccct	aggatttctt	360
tgactatggc	acaatgcaca	caatctacat	gtccctcctc	cccaactttt	aaggcaaaaa	420
tggctctgca	tcttcagggc	agaggggtggg	ctcatgccag	cagtcagctg	tgtcaaggac	480
actggggggc	gtttctccac	cgaaagatgc	ctgcttgggt	cccacttggg	cgcggtattc	540
attttatttc	tagcctttgc	ctcaccacag	aaaaaaggag	ctgaaattct	ggcaagtggg	600
cactggactg	gtttggggca	ctcctccagt	ctgggctgac	cgggtctctt	gaggcatccg	660
tggcctaggc	aagtgggtgg	ttcaggactg	tgacagccct	gaaggagcca	gacctggtgc	720
ctcctgcaag	ctggacaaag	ctgacggagg	gtgggcaggt	gtctccttcc	ccccagcccc	780
tcaggctgcg	tcagtctttc	tgggagtact	gagaagaaaa	tatccgtgca	atcctgagag	840
tttcttcttc	aggcagggtg	agggggagcg	agttaggctt	ggggcgacaa	ggcctttggg	900
agagagctcc	cctggtggct	tcgctcttgt	cctgatctgt	tgtggctgct	ggtggcaaaag	960
ttgctgagag	tgaaagcatc	cgcaggggaag	cctccaactg	ctggggaggc	aaaaaaaaagt	1020
tgggcaccac	aatgggccct	gggagcagga	ggctctgctt	tgtggacgtc	tctgatccag	1080
ttgtcacctg	cctctgcctg	atgtcagagg	agtcgatggg	tgggtccctta	tggttttccc	1140
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gctcactggt	ggcagcttca	ttctcagctg	gggcctctga	cttgggctcc	ttgttctgat	1260
ctgtctgtgg	tgagctccat	ccaacaaacg	tgctgctctg	ttgagctcct	gagagtgttg	1320
ggcatgggat	gggctgaggg	ttggctgagg	cagactcgcc	accaaccctg	gccttagagg	1380
cctcacactc	acaagcaaca	agactttggc	taggagaacc	ctgcctaggc	aggtgggggt	1440
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tgacctcact	tgtgtctgat	atgacactag	accaagggct	agttttgtct	gtcaccgtgg	1620
tgatctcatt	taaggctctg	ggctcaatga	tgtcttcttc	atagtccctc	tcactgtagg	1680
ctggcgcttg	cctcagtgtc	ttcactgctc	tgcatccttg	taatgggtac	tgcatgcctc	1740
agggactcat	ggagcattct	tcctccattt	gaagtctctt	cgagaggagg	gggtgatggg	1800
gaatctgtgc	ctttatctgg	agctcttacc	aatggctcat	ctggcattgt	gcacgtctc	1859

<210> 3408

<211> 2578

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1951)

<223> similar to gi3334741 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3408						
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cccctggccc	agcaaccctt	gcccccgga	ccgggggtga	aggcatctcg	aggagatgag	120
gttctggtgg	tgaacgtgag	cggacggcgc	tttgagactt	ggaagaatac	gctggaccgc	180
taccagaca	ccttgctggg	cagctcggag	aaggaattct	tctacgatgc	tgactcaggc	240
gagtacttct	tcgatcgcca	ccctgacatg	ttccgccatg	tgctgaactt	ctaccgaacg	300
gggcggctgc	attgcccacg	gcaggagtgc	atccaggcct	tcgacgaaga	gctggctttc	360
tacggcctgg	ttcccagagc	agtcgggtgac	tgctgccttg	aagagtatcg	ggaccgaaag	420
aaggagaatg	ccgagcgcct	ggcagaggat	gaggaggcag	agcaggcccg	ggacggccca	480
gccctgccag	caggcagctc	cctgcggcag	cggctctggc	gggccttcga	gaatccacac	540
acgagcaccg	cagccctcgt	tttctactat	gtgaccggct	tcttcacgcg	cgtgtcggtc	600
atcgccaatg	tggtggagac	catcccatgc	cgcggctctg	cacgcaggtc	ctcaagggag	660
cagccctgtg	gcgaacgctt	cccacaggcc	ttttcttgca	tggaacacagc	ctgtgtactc	720
atattcacag	gtgaatacct	cctgcggctg	tttgccgccc	ccagccgttg	ccgcttccctg	780
cggagtgtca	tgagcctcat	cgacgtgggtg	gccatcctgc	cctactacat	tgggcttttg	840
gtgcccaga	acgacgatgt	ctctggcgcc	tttgtcacc	tgctgtgtgt	ccgggtgttt	900
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<210> 3409

<211> 1380

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1298)...(766)

<223> similar to gi424102 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3409

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ccttgccata	gtaagatgtt	ctgctcacgc	gtatccacga	gaaagccccg	catttcacgg	180
ggagcataga	aacaggagtc	cccaactctg	ctcaccagct	cctccggctg	ctgccatctg	240
ctcctgcagc	atggcgccct	gggaagcctg	cactgggtgat	tttctgccac	tcaagttttg	300
cagacttcgg	gaagatggat	gcatagcctg	gggcaatgac	agtcacaggc	ccgccttgtc	360
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ctccggagtt	ttccatgaac	atcagcccac	agagacttct	gtctcccaag	ctcttggtgg	1260
agtcctgatga	tctgctgctg	taatggctgg	tccccaacag	tcactactgc	caggatcaga	1320
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<210> 3410

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (8)...(625)

<223> similar to gi4314286 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3410

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gttggtgaag	cagttccggc	cagctgtgta	tgcggtgag	gtggagcgcc	gcttcccagg	180
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agcgggggtg	acagttgagc	tgtgtgccgg	cctcgtggac	cagcctgggc	tctcgtgga	300
ggaagtggct	tgcaaggagg	cttgggagga	gtgtggctac	cacttgccc	cctctgatct	360
gcgcccggtc	gccacatact	ggctctggagt	gggactgact	ggctccagac	agaccatggt	420
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ggacatcccc	aagaccctcg	gcgtcatctt	tggtgtctca	tggttcctca	gccaggtggc	600
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ctcaccacac	accccgcgga	ccccaataaa	ggcttgcata	gctccaaaaa	aaaaa	715

<210> 3411

<211> 6388

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(5874)

<223> similar to gi5689555 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3411

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caggtgtgga	gtatagatga	actgccttct	aaacaagggt	actatttaca	gggaaattat	120

ctgcgttg	tggcagaagt	tggttccttt	gaacataatc	ttacaactga	tcttctaaac	180
cacttggtat	ttgtacagaa	agtgttcacg	aaggaagtta	atgaagtaat	acaaaaagtt	240
tctggtgggg	agcagcctat	tcctctctgg	aacgaacatg	atggaacagc	agatggagat	300
aaacctaata	ttctcctcta	ttccctaata	ttgcagttca	agggatttca	agtaacggcc	360
actactccat	caatgagagc	tgtaagattt	gaaactggat	tgattgaact	ggaactttct	420
aaccgacttc	aaaccaaagc	ttcaccagga	agtagcagct	atctgaaact	gtttggcaaa	480
tgccaggtgg	atTTAAATct	ggcattagga	caaattgtca	aacatcaggt	ttatgaggaa	540
gctggttctg	atTTTcatca	agttgcctat	tttaaaacca	gaattggatt	aagaaatgcc	600
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<210> 3412

<211> 1862

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (5)...(234)  
 <223> similar to gi1872200 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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 agatgtttcc tcaatttttg acgttgcat tttagggtgaa tgcacttctg gaattgtatt 1680  
 gtgtccttgc tgaattgtcc cttttatcaa catgtaatag caccctttat tcttgataat 1740  
 agtctttgtt ctgaatttta ctttgtctgt tattcctata gcctttccaa ttttctttcg 1800  
 cttggatttt acgcgataag ttttttcccc cattttactt ttagcaact ttatattttt 1860  
 ta 1862

<210> 3413  
 <211> 1832  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1204)  
 <223> similar to gi498725 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3413

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tgtggaaagg	cttttggttt	aaagtcacag	cttattatac	accagagAAC	tcatacaggg	180
gagaaacat	ttgaatgtag	tgagtgtcag	aaagccttta	atacaaaagtc	aaacctgatt	240
gtacatcaga	gaactcatac	aggagagaaa	ccctatagtt	gtaatgaatg	tggaaaagcc	300
tttacgttca	aatcacagct	cattgtacat	aaaggagtgc	acactggagt	aaaaccctat	360
ggatgcagtc	aatgtgcaaa	aacctttagt	ttgaagtccc	agctcattgt	acatcagaga	420
agtcacacag	gagtaaaacc	atatggatgc	agtgaagtgtg	ggaaagcctt	caggagcaag	480
tcatacctta	ttatacatat	gagaactcat	acaggagaga	aaccacatga	gtgcagggaa	540
tgcgggaaat	ccttttagttt	caattcacaa	ctcattgtgc	atcagagaat	tcacacagga	600
gaaaatccct	atgaatgcag	tgaatgtggg	aaagccttta	ataggaaaga	ccagctcatt	660
tcacatcagc	gaactcatgc	aggggaaaaag	ccttatgggt	gcagtgaatg	tgggaaagct	720
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accttagaag	cttcattcta	aaaaaaaaaa	aa			1832

<210> 3414

<211> 2072

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (268)...(1720)

<223> similar to gi4768275 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3414

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tgcttgcat	ggtctgtcag	gtgataacta	aatttccctt	tcagttggtc	ctggtgaaac	180
ggaaccataa	aatgactgtg	atattactta	tccaacataa	gaaggaaatc	agcattttat	240
ttacatttta	tcctgttttc	aatacacaaa	agcaactcca	aagtgaattg	tttgagattt	300
aaggtttgct	taactcttcc	caaccctttg	gcttttagat	ttgcttgga	cggtagaaga	360
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aggtgtaatt	tcactcaaag	aaaaactgag	cacctcacct	gatgagcccg	tgccacgcag	480
ccaccatggt	gtctcactcc	tcaagtctac	ttgtctttac	atttttacct	ctggaacaac	540
aggtctacca	aaagcagctg	tgattagtca	gctgcagggt	ttaaggggtt	ctgctgtcct	600
gtgggctttt	ggttgtagctg	ctcatgacat	tgtttatata	acccttcctc	tgtatcatag	660
ttcagcagct	atcctgggaa	tttctggatg	tggttagattg	ggtgccactt	gtgtgttaaa	720
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gggagctaac	attaattatg	catgtactat	attttcttaa	tatgagagat	aattttttta	1860
ttgcataaga	attttaattt	cttttaattg	atataaacat	tagttgatta	ttctttttat	1920
ctatttgagg	attcagtgca	taactaagta	tttttcttaa	tactaaagat	tttaaataat	1980
aaatagtggc	tagcggtttg	gacaatcact	aaaaatgtac	tttctaataa	gtaaaatttc	2040
taattttgaa	taaaagatta	aattttactg	aa			2072

<210> 3415

<211> 2199

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2200)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1)...(1485)

<223> similar to gi5732237 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



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gacgagctgc tgcgcgcgcgc ggtgccgcgc acgccggcct acgagctgCG cgagaagaca 180
ccggcgcccc ccgagggtca gtgcgcggac ttcgtgagct tctacggtgg gctggccgag 240
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cagggtggcgg agcagagcgc cggcgtgctc catctgcgcc agcagcagcg ggagtCGcg 360
gtgctgctgc aggccgaggt ccggctgcgc tacgcgctgg tgccgcgcta tcgcggcctc 420
ttccaccaca tcagcaagct ggacggcggc gtgcgcttcc tgggtcagct gcggggccgac 480
ctgctggagg cgcaggccct caagctggtg gaggggcccg acgtccggga aatgaatggg 540
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acctggcatt caccgtgtga agtgcttcag aaaatcagtg aggctgaggc tgtgcatact 660
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aagcacaggg ccccggtcaa gaaaacgatc attttcagga ggggcggga gttatgtatc 1560
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gcttgaggca taagttggat aataggcttt aaatgatcag ggattcaggt tcataatgaa 2160
cttcacagta aagaacacgt ttgttctgta aaaaaaaaaa 2199

```

<210> 3416

<211> 6926

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(5403)

<223> similar to gi559330 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3416

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ttatgggaga	aaatttagca	aagaagatca	tggtcttttt	attaagttat	tgtatgagct	180
ggtatcaatt	ccaaaactgg	aaatcagcat	gatgcaggga	tttgcccggc	ttttgatcaa	240
cttgttaaag	aaaaaggaac	ttctttcaag	agctgatttg	gagttaccct	ggagaccact	300
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aaccatgcaa	aaggccatca	cttattttga	aatattttct	cctacctccc	ttctccaga	540
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tacagaccta	agcacagcag	tggtcctggg	acagtattta	agtgctcgga	tacacaggcg	6840
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<210> 3417

<211> 3786

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3787)...(1585)

<223> similar to gi2460117 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3417

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cgggctggag	tgcactgatg	tgatctcggc	tcactgcaac	ctccgcctct	cacgttcaag	180
caattctcct	gcctcagcct	cctgagtagc	tgggattagc	tgttggggac	acgagatgcg	240
ccaccacacc	cagctaattt	tgtgttttta	gtagagacgg	ggtttcacca	agctggccag	300
gctggtctca	aaatcctgac	ctcaggtgat	ccaccacact	ctgcctccca	aagtgttggg	360
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agaactttca	taatatgaca	gatctctaaa	aataaatggc	tcttttaagg	cagcatgcca	540
tcaaaaaaaaa	gtacctctaa	tgggattcta	attatttagg	ttaaactttt	cctcatattt	600
tattttcaca	tgggaatccta	aaaggttcgc	cccgataagg	cagaacatct	taggttgtag	660
aaaattatac	atggtatctt	tactgggaat	attagctgtg	ccacttatta	gctgtgacct	720
taggcaaat	acttcactta	tctggcctgt	ttcttcggcg	gtaataaaaa	acaacagtac	780
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aacctgttgc	ttcagctcct	gattgcggcg	ccgcagggcc	tggagaggat	ctcgtgtctg	3780
tctcgc						3786

<210> 3418

<211> 2783

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6)...(1436)

<223> similar to gil503988 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3418

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agtctcacat	ggcaacgaaa	acaacttgta	tgtcttcaca	aggatcagat	gatgaacaga	180
taaaaagaga	aaacattcgt	tcgttgacta	tgtctggcca	tgttggtttt	gagagtttgc	240
ctgatcagct	ggtgaacaga	tccattcagc	aagggttctg	ctttaatatt	ctctgtgtgg	300

gggaaactgg	aattggaaaa	tcaacactga	ttgacacatt	gtttaatact	aatdddgaag	360
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aggaaagtaa	tgdtcaattg	aaattgacca	ttgtgaatac	agtgggattt	ggtgacccaa	480
taaataaaga	agagagctac	caaccaatag	ttgactacat	agatgctcag	tttgaggcct	540
atctccaaga	agaactgaag	attaagcgtt	ctctctttac	ctaccatgat	tctcgcatec	600
atgtgtgtct	ctactttatt	tcaccgacag	gccactctct	gaagacactt	gatctcttaa	660
ccatgaagaa	ccttgacagc	aaggtdttaca	ttataccagt	gattgccaaa	gcagatacgg	720
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agatggtcaa	agctcgccag	tacccttggg	gtgttgtaca	agtggaaaat	gaaaaccact	960
gtgacttdtg	aaagctgcgg	gaaatgctca	tttgtacaaa	tatggaggac	ctgcgagagc	1020
agaccctaac	caggcactat	gagctttaca	ggcgtgcaa	actggaggaa	atgggcttta	1080
cagatgtggg	cccagaaaac	aagccagtca	gtgttcaaga	gacctatgaa	gccaaaagac	1140
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gagtaaagga	gaaagaagcc	atattgaaag	aagctgagag	agagctacag	gccaaattdg	1260
agcaccttaa	gagacttcac	caagaagaga	gaatgaagct	tgaagaaaag	agaagacttd	1320
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cactgttdgt	agaaatgttd	aagtdtgcgt	tctgtgatga	atctaaatct	tttdcttdtg	2040
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tgatcttaag	cttdtdgtgc	agattattta	atatgatgac	ttcatgcttd	attatgcctt	2340
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taaagatata	aaaatgcaca	taattcatat	ttcaggtggt	attdtgcatt	agtgccttac	2640
tggtattctc	agaacattdt	aatgatttdct	aacattdctt	aacagtcata	gatatatata	2700
tttdcattdt	tdgtacttdga	atattctaaa	taaaactgac	attdactctt	gacaaaataa	2760
acatatattt	actaaaaaaaa	aaa				2783

<210> 3419

<211> 838

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(839)

<223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (40)...(465)  
 <223> similar to gi780367 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3419

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cccctataag	aaggggtgct	ggtgttcgct	ctgcacagcc	agtgtctcag	gctgcttcaa	180
agcctgggac	catgcagggg	ggctctgtga	ggtccccagg	aatccttgct	gcatgagctg	240
ccagaacccat	ggacgtctca	acatcagcac	ctgccactgc	cactgtcccc	ctggctacac	300
gggcagatac	tgccaagtga	ggtgcagcct	gcagtgtgtg	cacggccggt	tccgggagga	360
ggagtgtctg	tgcgtctgtg	acatcggcta	cgggggagcc	cagtgtgcca	ccaaggtgca	420
ttttcccttc	cacacctgtg	acctgaggat	cgacggagac	tgtttcatgg	tgtcttcaga	480
ggcagacacc	tattacagag	ccaggatgaa	atgtcagggt	ggggttacag	aggaaaggcg	540
gggtgtctgg	ccagatcaag	agccagaaag	tgcaggacat	cctcgccttc	tatctggggc	600
gcctggagac	caccaacgag	gtgattgaca	gtgacttcga	gaccaggaac	ttctggatcg	660
gtgagtggcc	agctgattgg	gggtatggcg	agtaaggggt	tgtgatggcc	cacctgctg	720
caggaaccct	gggccatggc	ggctgccagc	agatggcaag	ggtgtgttga	gggcctggag	780
cccagagcgg	ngccagctgc	tcaccccctt	tcccgngag	ggcccaggta	gggagcac	838

<210> 3420  
 <211> 1345  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1348)...(216)  
 <223> similar to gi3283350 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3420

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tgtccacaga	gagcaaaaat	cactttacgt	actcatgatg	ggctttaata	tttctttaca	180
ctatacatat	tgaaaatggt	tacatttact	aataaggaat	gccaagcgt	atccatcacc	240
atttgaatag	cttgcagggg	atttgtgatt	tcttccatgt	tatctcttct	caaaacccaa	300
tctggcttaa	gtcttgaaac	tattctggtc	cttacagggt	tttctgggat	aaaaggaatg	360
cttatagaag	aattcttctt	ttgcttgtaa	agtattcttt	cagtattcat	tttatgttta	420
tgagctgtaa	gtttgtagag	actgtaaata	cggtaacaa	ctttggacct	acttcgtaca	480
tcagaggctc	tatttgttgt	cttcagtaaa	atagccaaca	aacaacaagt	ttttgtaaaa	540
atgcttccgc	ctttgtctgc	aactttatta	ccaggctttt	ctcggtatat	ctgcaaaagc	600
tccaatagta	tatctataca	atcttctaca	tcataaactg	ctgaagtagt	tttctcatac	660
ttagatacat	taagcaagac	ttgcacagca	tatctgatga	cttccataca	aggaatactg	720
cgattacaac	ttcggatcaa	aacaaatatt	ttagaaattg	ctccactctg	ggccatgttc	780

tcacaacaaa	gtggagacaa	tctagtaact	acctctaggt	gttttaaggc	ctcaagaatg	840
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<210> 3421

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (98)...(449)

<223> similar to gi3875371 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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ttggaagag	tgccatcacc	tgatcaccgc	cggagaagct	accgagactt	ggacaagccc	180
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cgatctccca	aaaggagaag	cccctcccct	cgccgagaaa	ggcatcggag	caagagtcca	300
agacgtcacc	gcagcaggtc	ccgagatcgg	cggcacagat	cccgttccaa	gtccccaggt	360
catcaccgta	gtcacagaca	caggagccac	tcaaagtctc	ccgaaaggtc	taagaagagc	420
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ctcctgtgga	tataaggata	tctgtatgtg	gaaggattaa	gatctcccc	aggcagctat	540
aagaatattt	tagttttttt	cttatcaagt	ttctcaacct	ttatttttaa	tgaaggaggt	600
gctgagtttt	gtatcttttt	aatcataatc	aacatcagtt	tttgacccaa	ctaaccttga	660
ctgtattcaa	acttatgaga	gtataaagga	tctggagggt	gggatatga	ctgacaagga	720
aaggctgtgg	ccacctgatg	accctttccc	tttttattaa	accggacaca	cctgtttccc	780
aaaaaaaaaa						790

<210> 3422

<211> 6730

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(5954)



<223> similar to gi3327062 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 3422
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<210> 3423

<211> 1902

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1762)...(764)

<223> similar to gi854326 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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1902

<210> 3424

<211> 2416

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2410)...(454)

<223> similar to gi4755188 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3424

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<210> 3425

<211> 4730

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(4141)

<223> similar to gi5689571 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3425

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<210> 3426

<211> 5113

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (5114)...(1526)  
 <223> similar to gi5689403 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<211> 5195

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(3795)

<223> similar to gi3327166 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters



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<210> 3428

<211> 2892

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (326)...(2892)

<223> similar to gi4322670 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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ggttgatata	aacctagtag	ggtgccatgc	tttgaagctg	gactcttttg	gccagtttat	240
tgaattatta	cccagcctag	agttttatttc	actggatcag	atgtttcgtg	aaccacccaa	300

gggttggtgct	cgagttggtc	tgagtgcagg	cacaggaatt	ggtgtttcat	cagctcttgt	360
tagcaaccag	aactccaaca	atgacgataa	taatgccag	aataacaatg	ccaacatcca	420
cgacaacaat	caccatcatc	cagatgactc	agacgaggag	aatgactttc	ggcaagatct	480
gcagccagga	gagcagcagt	ttgcagctga	cgcattaaat	gagatggaag	acatcgtcca	540
agaagatgga	gaggtgggtg	ccgagagtgg	aaataatact	ccagctcaca	gccaggcaat	600
tattcctgtg	gatgttgatg	aggaacaagc	aggacccagt	ggtcttcagc	gtgtagtaaa	660
accaacctca	attactgttc	atgattcaga	gagtgatgat	gaagaagata	gtctagaact	720
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gaagagtga	aa					2892

<210> 3429

<211> 1068

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1067) ... (216)

<223> similar to gi5915916 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 3429
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aaaggetccc ctcagttcac aaaggtagct ggcaggatgt tagctttgcy ctcagcttca      180
atgcagtact tttcgaaag gccaggggct ctcagctttt caagcttttt cctcttgatc      240
tcategatgc gctcacggcg tttctgggcc tcctctttga ggcgcgggcc ctctctcaaag      300
gtggcaatcc ggttctgcac ttcttctgc tggttctgc gcacctggcg ccggagctca      360
ttggcatgct gtaagcgccc tgtggccttt ttctctctct ccagccgctc cttctcaatc      420
tgttctctct gagcccgaag aatctctctg aactcatccc ggtcccgttg cacctgaaca      480
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ttaatctcag cttgcatctt cagtttttgt tgcctccttc gttccatgtc ctttagatct      900
tcctcttgga gctgttccat atattccagc atctgctcct tctcctgctc ccgctgctca      960
gcaagcagcg atcgtctctc ctggttcttt tccatctggt ccacaatttg ccgccttctc     1020
ctaattcttt cctcctctct ctctctctcc agttcccgga cgcgtggg      1068

```

<210> 3430

<211> 2388

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2389)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1677)...(857)

<223> similar to gi4218005 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 3430
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agggtatgca ctcagatcat gagacctaa atcaaacaca ctggattgtc aaagagtcaa      180
acaaggacta caattttaac ctcttaata gaaaagatgc tgatgacaaa acacgaagtt      240
taaaaatatt ctttacgcta agctcatata agcaaacaaa aaactaaaac taatcctaaa      300
actttaggac actggatata gaagtaacat aactatttaa atttttgtat caacgaaagt      360
gtgttctatc cttcactgta cctgtactac aaggacatgc ttgttgcttc tacactaccc      420

```

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gaaccagctc	ttacttttct	ctcgtgtcat	atgtgatgaa	gtcctcactt	gacaattccc	600
cctgcaaatt	gcaatgcatg	tccttgccgt	caccttttct	tgacacttta	aaattaattt	660
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<210> 3431

<211> 3239

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3240)...(270)

<223> similar to gi5817132 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3431

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gggggtgcagg	ctgggcccagg	cagggccaaa	ggcagcagaa	atggggagtaa	gagactgtgc	180
ccactgagaa	gctctgctgg	gttggtgggca	ggtgggcatg	agatgatgat	gatgtagtgt	240

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tgctggcggg	cagcctcgcg	ggcctggcag	gtggactgcg	tgcgctccag	cagagcagcc	3120
accttgctct	ccagatctgc	gtagaagtcc	ctgccctcct	gcgacttctt	catcagggtcc	3180
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<210> 3432

<211> 1539

<212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature

<222> (1051)...(215)

<223> similar to gi598332 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

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tttacaatca tccatttaat catctccaaa aaaaggatga atttattatt ttaaactaac      180
attctgtgaag ttaaagagaa taatcaagtt gtctcatgga ctggaagggtg acttattaat      240
tccctttcat ttccaaacct catcaagcag tcaactacatt tatgaggcaa gtcagctgaa      300
tgcttgaaat ctagatgaat tttaagatct tcaatttgct ctgttgaata ttcccaatat      360
tgacataaat aaatcccttc agataaatgt gaatttaaag gcttggcaat attctagcat      420
acttgaaaag cctttcccac agtcatcaca aacatgagga aaaatttttg tatgttcaat      480
agcaacatgc ctgttaacat ttgtgtgaag tctactccga aaaccacata cttgacatac      540
aaagaagttt ttacatttgt caaaggtaat ttgtcttaag aggctatact gtccatgttc      600
accattgtta tacttatcac ttaactctat taatttacat gcatgctcat ttaccacatg      660
gctatgcaag tcttctggat cattagtgtc atgttcacag aactgacaca agtactgttc      720
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<210> 3433

<211> 4936

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(3978)

<223> similar to gi3327082 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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agaatggcac	cttgtaactc	cacgtctcca	tgagcagctc	cgggcagctg	gcccagacca	660
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<210> 3434

<211> 2290

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2288)...(245)

<223> similar to gi5052554 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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gaggccaaac	tggctgttga	agtcgggcga	ggagccgagg	agcaggccaa	tgatggccag	420
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<210> 3435

<211> 3109

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3110)...(478)

<223> similar to gi2465540 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<210> 3436

<211> 2899

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(1583)

<223> similar to gi4159682 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3436

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<210> 3437  
 <211> 2461  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (4)...(693)  
 <223> similar to gi3676132 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3437

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g						2461

<210> 3438  
 <211> 5925  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (272)...(3795)  
 <223> similar to gi4589512 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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tggctttctc	tctgagcatt	gaggtatact	agaagtagag	cttctcaaac	ataatatcat	5160
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agcagcccta	gtcatggtgc	tgggtgctacc	gccttggttt	aggagcctgc	ctcctgtcag	5280
tatgaaaccc	tcacctgaaa	aatgccagcc	tggacaccaa	acactgagcc	ccttcaacag	5340

gcacattatt	tccccctgag	atccataagg	gaatttagtt	tctactattg	tagagttctg	5400
aaaagaggta	aaatagtagt	cctttggtca	tcctattttt	gctttcaatt	ttgatatttc	5460
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agaataaaat	atattgaaag	caagaaatgg	ctgattaaag	tatgtatata	aacacaccct	5880
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<210> 3439

<211> 1620

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1394)...(606)

<223> similar to gi5360119 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3439

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attgaaccca	aaagaagctt	ctagtatgga	gcaagtctgg	tggaaaagca	gcatactctc	180
caggagagaa	gggaaacgga	gcagggccaa	tcacaggtg	acagtgcagt	gctactcatc	240
accatcatga	aaaactcatg	agcgtcagac	gcgccacagg	gattcctgat	caggtaatat	300
ctgctattat	tatgacaagc	tccatagaaa	aatgtagaca	gcagggcaga	aagacattat	360
tctttataaa	taaaaggttc	atctgtgcaa	tattgacatt	agaaaaatat	acattgcttg	420
ccatagacct	tctctggata	aatcagacg	aatctaggat	ctgactccac	ttcactgtga	480
gggctctggc	tccacggtga	cgaccgactc	cacagcttct	agaggaactc	cttctagcgg	540
gcccatccgc	aggcacgccc	ctctgcatca	gtcactgtga	caatgtcctc	ctcctgagac	600
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ccagaaaccg	tcgttgatg	gctttcttca	gaacggggag	agacagtcac	atttactgga	1380
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<210> 3440  
 <211> 4487  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (20)...(3896)  
 <223> similar to gi5931959 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3440

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tttgaaaaca	gaggaggaag	aagaggagga	ggaggaggag	gaagaagatg	atgaagaaga	720
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<210> 3441

<211> 1969

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (55)...(1179)

<223> similar to gi4972746 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 3441
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atgcaggagg tcctacagag aaaggcgctt cttgcatttc agagggccca cagcctgtca 180
cccacagatc accaagcagc tttctacctg gctctgcagc ttgccatctc cagacagatc 240
ccagaggctc tgggggatgt cgcgcaagct cttcagcttc aaggtgacga tgccaactcc 300
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agtccgagaa tttttatatt ttaccaatat atgcctgtta caagagaagg aaatatgagt 1800
tatttaagtt taactttttt atgtgaattc agagtattat tatcgaggga aatatgtaca 1860
aagaagcttc aaatggaata tttaccgaca ttccttatac atgacagaca cttggctaca 1920
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<210> 3442

<211> 2263

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2228)...(668)

<223> similar to gi3879811 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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aggtcaagaa aaatgccaca gccagaaaaa tttattttta aatagaaaca tacattaagc 180

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tttaaaacaa	ccaactctca	aactgaaaga	ggaaagagcc	tttgatccca	gagtccatgc	240
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<210> 3443

<211> 1878

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1307)

<223> similar to gi4510377 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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gaaatacaaa	gagtgccatt	ggaacagctg	tgtctaagaa	ttaaaat	agagatgttt	180
agtgtcata	atctccagtc	tgtgttctct	cggtccattg	aacctccaca	caccgattct	240
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<210> 3444

<211> 6436

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(5017)

<223> similar to gil80803 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3444

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<210> 3445

<211> 1709

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1712) ... (288)

<223> similar to gi2988400 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3445

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<210> 3446

<211> 1320

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (48)...(703)

<223> similar to gi5305702 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3446

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<210> 3447

<211> 954

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4)...(529)

<223> similar to gil924940 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3447

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gactaacagc	agaatctacc	tcccaactgc	catgtgatta	agaaatgggt	cttgagtcct	840
gtgctgttgg	caaagttcca	ggcacagttg	gggagggggg	ggtccttaac	aagcgtgact	900
ttgctcattc	tgtcatcact	aaggcaataa	acctttgcca	ggtgaaaaaa	aaaa	954

<210> 3448  
 <211> 4009  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(3247)  
 <223> similar to gi3882313 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3448

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gcaaaggcag	tgggaagaac	tatgccacca	gctctcctta	aggcggcagc	aaataggtga	180
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tcaaatggaa	agcaaagtgt	ctcagaatgg	agacattctc	attgaagaaa	tgatagagaa	300
gctcaagaag	gattatcaag	aggaaattgc	tattgctcaa	gagaacaaaa	tacagctcca	360
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caagctggga	aaggtcaacg	accggtggca	gcatctcctg	gacctcattg	cagccagggt	480
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taaaaaaaaa	aagatattta	tgtatgtaca	gtttgctaaa	gccaagtttt	ggttggttaa	3960
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<210> 3449

<211> 2368

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2291)...(1951)

<223> similar to gil203928 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3449

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atttctttat	cagtgaaaaa	caaactgata	tctgaagtgt	ataaacagtt	ccctagtagt	240
ctatttgaga	aaaagtatca	aatgtgcata	aatgtgttaa	aactgacaaa	tacaagaaaa	300
gcattcagct	agagaaaatt	cacagcattt	tattcaagtt	aatcaatttc	attcaataat	360
ctgccatatt	gttcccagca	ccactattac	tgttattatt	tctctttgag	gaagaccagg	420

tattaagaaa	tctggtttga	atttccatga	tgcctaactc	tatgggttaa	aatccttttc	480
cttaccaaaa	aggaacttct	taatcaccag	agaaacagag	ggaagactga	gatatgtttg	540
cagaaattta	tctctactag	agacaattca	tagttcataa	tctttcaggg	ttgtgcttta	600
cttgggggct	ccgttttcgg	gagcgggttg	tttcccataa	atgtttgctt	aatacaaata	660
atttgcccca	ctgtaccaca	gaagggaat	gagggctagt	gtccccagaa	agcaagcagg	720
cagtcctcca	gggaagaagc	cctaattggt	cctagtgggt	acagagtcac	tctgcctccc	780
cagcctgtga	gcaataataa	agtataacta	agtgaacagg	agaggtaata	actagccaga	840
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gaatcagcca	ggcaagccaa	tacccattgc	acaggagggt	gtgatgggtg	tccaccaagt	2160
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caacccatgt	gtagtagcca	aagctgaggg	tgatgactgt	gaaccagaac	agactgcctc	2280
gctgaaagta	ggtcgcgccg	gctgccgtag	ccatggctgc	aacacctccc	cgcccacgcg	2340
tccgcccacg	cgtccgccc	cgcgtccg				2368

<210> 3450

<211> 3790

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3292)

<223> similar to gi3413874 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3450

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tacgatactc	aggtcaaaga	gatccgtgct	cagctcacag	agcagatgaa	atgcctggac	180
cagcagtgtg	agcttcgggt	gcaactgttg	caggacctcc	aggacttctt	ccgaaagaag	240

gcagagattg	agatggacta	ctccccgaac	ctggagaagc	tggcagaacg	cttcctggcc	300
aagacacgca	gcaccaagga	ccagcaattc	aagaaggatc	agaatgttct	ctctccagtc	360
aactgctgga	atctctctct	aaaccagggtg	aagcgggaaa	gcagggacca	taccaccctg	420
agtgcacatct	acctgaataa	tatcattcct	cgatttgtac	aagtcagcga	ggactcagga	480
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gctaagagga	gagccaacca	gcaagagaca	gagcagtttt	atttcacaaa	aatgaaagag	1440
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gccatccage	tttcagtggc	atcttgTTTT	gggaactgat	tatagagaat	catatatagt	3720
ccagtcttca	ttttacatac	acacacatat	tttacacaca	cacacatttt	acacacacac	3780
acactgtatt						3790

<210> 3451  
 <211> 2343  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2344)...(2121)  
 <223> similar to gi5817268 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3451						
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aaaattcaga	cttttttcag	atttccaatt	ttcccactaa	tgctctgttt	ttgttccaag	240
acccaatcca	ggatgccaca	ttgcaactgaa	gacactctcc	cttttcaatt	ctattactgg	300
tcacctcagt	caactttccc	ggggaaagag	aatgcatggg	aaaagctctt	gtccttatta	360
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gagaacaagg	cctgccttac	tctgttccct	ttccccaggg	actcttggtt	ttcagaagcc	480
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tactacagt	ggtccagccc	atggagagac	tcacttctct	ccccaacacc	tcttccccta	600
gaccctgagg	gccaggacaa	tgtcttagtg	ccttccaact	tggcagagt	aggccccatg	660
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agtctgtttc	tcaccccttg	aatctgggta	aagccttggt	atttgctctg	acaaaaagaa	840
cttagcagaa	gtgacactgt	cctagtccca	gttccaggcc	aagaactcaa	gaagtctttc	900
agcttctact	ctcactctct	ttggaatcct	gaagccatca	tgtgaataag	cctgagctag	960
cctgctggag	aggccacatg	gaggagaacc	aagcaattcc	agccaacagc	ctgtcacctg	1020
ccaggcaagt	gagtaaggct	atcctagacc	atccaggccc	agctgaggta	acagctgacc	1080
ttagctccat	gagggatccc	aggtgtgagc	agcagaactg	ccctgttgag	cccagcccaa	1140
attgccaacc	cataggattg	tgggaaaata	cagggtttgt	ttctagctgc	caagtttggg	1200
gatggtttgt	tacacagcaa	aagctaactg	gtacacaatt	ctgcatttct	ctcttggtaa	1260
tgggatccca	gtttttattgc	aggaggcagt	gtgccagtct	cagtagatgg	aacacgattg	1320
gtctattcag	ccatgacaat	tctgttccct	gctgtcttag	ctttgtttgc	agctagaggt	1380
gcaatggtag	ctggctcggg	ccaagggcat	ctaagtgaag	atatgcagag	ggagagagca	1440
ggaaacagac	ttctgacgag	gttttacttt	ctgatagaag	gtgacgggtc	cagctagttt	1500
ggcccttcct	cttccctccac	ccctccttcc	ttgaacgcag	acatgattct	tggggatata	1560
gcagccatct	tgggaccatg	aagtaacgag	cactgagatt	aaggcaaaaag	gatccaagac	1620
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catgctatgt	ggaaaaaaca	tcttctgttt	gtttaaacca	ctgcaatcaa	ggttttcctt	1740
tccttgcagc	tgaatgtagt	ccatataaga	ggttacatag	acaaaaatgc	agagggatcc	1800
ttgtccttgg	gaatttggag	ccggcagcac	gtggctcttc	aagcccatct	ctgttctcct	1860
tctcggtaat	gcttcaaggg	taaggccatg	atcctattgt	cacagagggtg	ggaactgggg	1920
ctcccacact	gtacagtggg	tccaaggcct	tgtagccggt	gagaggggtg	cccagagtca	1980
gaccctctcg	ccagggtgcaa	agagaatgca	cccctgctat	cccttctgca	tggcccagcc	2040

tgctggaggc	caggtgtgtc	ttctgggctc	ttgaagggtg	cagcaggtgc	caaggaggct	2100
gctactgcaa	gtctggtgtg	gatgtcccca	ggtacaccct	taggtctgag	agagtggact	2160
ggacaagctt	ggcggggatg	gtctctcgct	gcagttgtctg	gtaggccgcg	tagcgggtggc	2220
agcccccaaa	ggagtagaag	tagtcacctc	cctggggccc	tttgateccag	aggacatcga	2280
tggggggcac	gctgtctggg	tcttcccga	tctgtctccac	gaggctctgc	accttggcgg	2340
ggt						2343

<210> 3452  
 <211> 981  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (17)...(319)  
 <223> similar to gi5824545 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3452						
gccgcggtcg	ctatggagga	gccggagatg	cagctcaagg	ggaagaaagt	cacggacaag	60
ttcactgaga	gcgtctacgt	cctggccaac	gagccatccg	tggccctgta	ccggctgcag	120
gagcatgtgc	gtcgctccct	ccccgagctg	gcccagcaca	aggcagacat	gcagcgttgg	180
gaggagcaga	gccagggagc	catctacact	gtggagtacg	cctgcagcgc	cgtgaagaac	240
ctgggtggaca	gcagcgtcta	cttcgcgagc	gtggaggggtc	tgctcaaaca	ggccatcagc	300
atccggggacc	atatgaatgc	cagtgtcccg	ggccacagcc	cggaggaacc	acccccgcc	360
tcctcagcct	gatcctggaa	gagactcggg	gccccccagc	ctccgccaac	ccagagacgg	420
ggtttcacca	tggtggctag	gctgggtctca	aactcctgag	ctcgtgatcc	tcccgcctca	480
gcctcccaaa	gtgctgggat	tataggtgtg	agccaccgca	cccagccttg	gttctccctt	540
tcttcactctg	gataaggaag	gctggactgc	accttctcta	caggctgagt	tggacattcg	600
cagatctacc	ctcccaacct	gcattctgcc	tcaagcagca	acgcccaccc	caggctcagg	660
ccacatggag	aagccacccc	tagttccagt	ggtggatgtg	gcacctcggc	ctggccaatc	720
agagctccct	tgctctaggt	tcctagtgtg	tggttcgaga	tggacacgtg	acccaatgag	780
cggcctttcc	tgggagttct	accaggagca	tcaggaaggt	tgagctgggt	gtatgggaac	840
caggccgggg	cgaggggttc	caggggggac	ctgagaacat	tgctgtggagc	cctggatcca	900
actgtacctg	acactagcca	atttcatttc	ttcagtttca	tggaccacct	aattatgatt	960
tttgccaaaa	tgaaaaaaa	a				981

<210> 3453  
 <211> 4362  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(1532)  
 <223> similar to gi1503988 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3453

gcggcggggc	tccggctgcg	ctcgtggccg	ggccggggcg	ggaggccggt	cccgcgggcg	60
ggggcagggg	cggtcccgcg	gcttctcccg	ccgcgcgcgc	caaggggagt	ttccaggaag	120
tggccatatt	ggatccattc	agccgcagcc	gcccggggcg	agcgcgcccc	gcagccggct	180
ggtcocctgtc	gtgccccctg	cgctcgtccc	agcccaccgc	cccggtgcgg	agctcgccat	240
ggcgggccacc	gacctggagc	gcttctcgaa	tgcagagcca	gagccccgga	gcctctccct	300
ggggcgcccat	gtgggttttcg	acagcctccc	cgaccagctg	gtcagcaagt	cggtcactca	360
gggcttcagc	ttcaacatcc	tctgtgtggg	ggagaccggc	attggcaaat	ccacactgat	420
gaacacactc	ttcaacacga	ccttcgagac	tgagggaagc	agtcaccatg	aggcatgcgt	480
gcgcctgcgg	ccccagacct	acgacctcca	ggagagcaac	gtgcagctca	agctgaccat	540
tgtggatgcc	gtgggctttg	gggatcagat	caataaggat	gagagttaca	ggcccatagt	600
tgactacatc	gatgcgcagt	ttgaaaatta	tctgcaggag	gagctgaaga	tccgcgcctc	660
gctcttcgac	taccatgaca	caaggatcca	cgtttgcctc	tacttcatca	cgccacaggg	720
gcactccctg	aagtctctag	atctagtgc	catgaagaaa	ctagacagca	aggtgaacat	780
tattcccatc	atcgccaagg	ctgacaccat	ctccaagagc	gagctccaca	agttcaagat	840
caagatcatg	ggcgagttgg	tcagcaacgg	ggtccagatc	taccagttcc	ccacggatga	900
tgaggctggt	gcagagatta	acgcagtcac	gaatgcacat	ctgccctttg	ccgtgggtggg	960
cagcaccgag	gaggtgaagg	tggggaacaa	gctgggtccga	gcacggcagg	tacccttggg	1020
ggagtgggtgc	aggtggagaa	tgacgaatca	ctgcgacttc	gtgaagctgc	gggagatggt	1080
gatccgggtg	aacatggaag	acctccgcga	gcagaccac	agccggcact	acgagctcta	1140
ccggcgctgc	aagttggagg	agatgggctt	tcaggacagc	gatggtgaca	gccagccctt	1200
cagcctacaa	gagacatacg	aggccaagag	gaaggagttc	ctaagtgagc	tgcagaggaa	1260
ggaggaagag	atgaggcaga	tgtttgtcaa	caaagtgaag	gagacagagc	tggagctgaa	1320
ggagaaggaa	agggaagctc	atgagaagtt	tgagcacctg	aagcgggtcc	accaggagga	1380
gaagcgcaag	gtggaggaaa	agcgcgggga	actggaggag	gagaccaacg	ccttcaatcg	1440
ccggaaggct	gcggtggagg	ccctgcagtc	gcaggccttg	cacgccacct	cgcagcagcc	1500
cctgaggaag	gacaaggaca	agaagaatta	acgcacgcac	agacttacat	gtcaagagtg	1560
gacttttagac	tttcatgtgt	taagttgctt	gagttacacc	ttgtgacctt	tctcccataa	1620
catgggtgtga	ggacggactg	ggagccggta	cagactccag	tgtttacagc	ccttgccttcc	1680
tcccaccgac	cctggcccca	ggctgccccg	ggcctggcg	gccacccctc	tctatgcaaa	1740
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cctcattttta	atttttctaa	cctacagctt	aatttttaata	actttaaaac	acttctaaat	2040
atttattttg	gcaccagegt	caagacaaat	aatatcctct	cccattatatt	tcataagtaa	2100
cacagattcc	ctgattttta	aaaactaaaa	atacagctaa	acctttctta	tgtataaagt	2160
atgcctatca	tatacaggga	gaggtgggta	ataaacttcc	tgtaatgaca	gtgtttggca	2220
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gcttctctct	gccttctctga	gatgatgttc	tgtcaggga	gaagtggagg	ggtagctgt	3000
gtgtgtccac	tgaggcacgg	ccaggaagag	gcagccttta	cctgtgaggg	gctccatgct	3060



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ctaaatttta	tggggctgaa	agcttgaatt	atttagaaaag	acttctttaa	gaaaaacaat	3180
gttaataata	aattaggtac	agggctcttg	aaggggccct	gaagattaag	cttccttagc	3240
gtcacaataa	gtccgtatct	ggttgcaatt	gaaaactgat	gcttcagtga	gggtatctaa	3300
aaaggtaaac	tggcatatcc	agggcaaatt	tgggctgcca	atggctcatc	tctagggtaa	3360
ttttatgtct	gaaagtgtat	gcagttgggt	cagagcatga	cctttaagat	agcctctctc	3420
agctaacata	tttatgaaga	tgaggcctgg	tgaccacagca	ggttcattgg	atacataaga	3480
aatgagaatt	cctggttcat	gggccaacct	aggactctgg	agtatgcaga	cttggccatt	3540
cgtccattgt	ggcctgccgg	gtcgcacccc	aggcatactg	aaaggccata	ctcgtggctg	3600
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tctttctagt	tgtgggtacc	ctgatctagg	tggtttgtaa	ttgtgcatta	ctgactgcat	4140
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gaggaagtgt	ggcttgctag	tctgttacgt	taacatgctt	ttctaaaatt	gcttcacgtg	4260
ttaattcatt	tactcctgca	ttcattgact	gtttttgttc	ttttccattc	actttgtact	4320
tatttttttc	attaaatttt	gcattttatt	tgaaaaaaa	aa		4362

<210> 3454

<211> 1128

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1129)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1128)...(793)

<223> similar to gi4406551 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3454

tttttttttt	tttggaggga	gaaacaactt	tattttcatc	cagaaattag	taatgtttat	60
aaatttgttt	atagtagttt	gtaaattatt	atcagaaata	gtaatgtcta	taaaccactt	120
actttaagag	acaatcagga	actatgatga	gggcaataat	aaaaggagaa	atcttaccaa	180
aaaattaacc	tggatcgttg	tgcttgctct	aaaggttaaa	gtcacttagg	ggaaacagat	240
tcagtattat	ccaatgggct	taaccatcct	tccttctttc	tgtttgcttt	ttgggtgggtg	300
ctgggttaca	aagagcagtg	tcttctgccc	tgaaggtagc	agtattatgg	tgggtgecta	360
gaggccaatt	attggttttag	aagagattca	ggcccttaac	ttttacatgt	gctttccagg	420
aaaggagaca	ctttcttttct	cagccctgtg	tgaggactat	gttagcccag	aaagtgttct	480
tggaccactg	ggtgcccatt	ctcagtgcta	ggaacaggaa	gaccctggtt	tcctggtaga	540
atztatggat	cctacagctt	tctctccatc	aaactttaag	tcacagtaag	ataggactct	600

ggagtcacag	gcacagccag	gagaggtcag	cgtccttatg	ctgactcctg	gtcctagaca	660
tgggtcttaa	gatccagtag	tcagtaggtc	tgttgcaaag	tcagggactg	gctagatctc	720
tccacagcag	aagaaagctc	atacatgctg	acctgaggaa	cttaatctga	cagtttaccg	780
acacactcat	aacgcattctc	ttccttcctg	tgatgagagt	actgctttca	tgtgtactgt	840
ctgatgacgg	gtgagggcag	agttcttagt	gaagcctctc	tcacagtga	aacacctgta	900
aggcttttca	ccagtgtggg	tttttcgggt	ggcactgaag	tgggagctat	tattgaagat	960
tttccacac	actgcacact	tgtatgggct	ctccccagt	tggatgcgcc	ggtgagcact	1020
gaactgggaa	ctagatgttg	aatctctttc	cacagacaat	gcactggtaa	ggcttttccc	1080
cggtatgggt	cgaattccnc	gcnntggcct	agtgggtctgc	tattcaag		1128

<210> 3455

<211> 1203

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1202)...(196)

<223> similar to gil519052 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3455

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tgtccaccta	gggaggaaa	taggaggcca	gtagcaaacc	cctcccagag	ctggggacat	120
gtattcccct	ggggaacccg	gtggcatccg	ccctgaggag	cgcaccaccc	cgcccagatc	180
caggtcccgt	caggttgcca	cctgctgcat	gggcctgagg	ttcggggaca	cagcaaaggc	240
acaccccggt	ctctttttga	ttgtcgtcca	cccgtaggcc	ctcccagagc	tccctcagcg	300
tcagctcttt	cttctgtgtc	acgtcaaaca	cgggcttctc	ggtgatgatg	cgggtccacgc	360
accgttttcc	cggtcagcgg	catgggtgcat	ttctccatga	tctttggggg	tgttgctcct	420
tgtgcagtgc	tgcattggtga	ccaccactct	ggtcttctga	ctggacacca	agtccatggc	480
accgcccatt	cctttcacct	tcttgccagg	gatcatccag	ttcgccagg	cgccgtat	540
ggaaacctgc	atggctccaa	gcattggttag	ttggatgtgt	ccccctcgga	tcattggcgaa	600
ggagtcgtcg	ctggcggaaga	agcagcccc	gggaagcacc	gtgaccgtct	gcttgccctgc	660
attgatgagg	tggcatcca	cctcatcttc	cgtgggaaac	gggcccaggc	ccaggatccc	720
gttctcactg	tgaagatgga	cagtcatgct	gggactgatg	aagttgctgg	ccagcagggg	780
gatgcctatg	cccagattgg	cgtacatgcc	gtcctcaa	tccagagctg	cgcgtctgat	840
gatgcgcgtc	ctggcgctct	cttcttttcc	agcgtctcca	tcttctctct	tccggatcgt	900
taagcgctca	attcgtttct	cgtatttctg	cccctttatc	acgcgaccta	cataaatggt	960
aggaacgtgg	atgtcttctg	gggggaagcc	cccacctcca	ccgccgtgac	gtctgcagct	1020
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tggccttcc	accctttcac	cagggcggaag	tctgcccga	tggcgcgtc	caaaaggaag	1140
tggtcgccgt	tgaactccct	cacctctcgg	ggctgggtca	tgagcgccag	gtggccgtcc	1200
ggg						1203

<210> 3456

<211> 1266

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1264)...(210)  
 <223> similar to gi5870865 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 3456
tttttttttt ttgggggggct aggtataatt ttattttata taaaaagtgt ttctgtgatt      60
cttcagagcc caggagtcag tgctgggtgt tggagggacc tgccccact ggttcattta      120
accctctgtc tcggtgccct cagaacctca gccagaaagg caaggaggaa atcagagcag      180
gagcctcata ctcttggtga tctattcatt ctgtgacctc aggggtcaca tataaggtca      240
gtgtttctcg tccccgccgg atctgcactg ccaactggga ttgggttcga acagcttcat      300
aaacatcttc agcattttgt accatctgct ccccaatggc caaaatcaca tcaccaggcc      360
gcagaccagc ccggtgtgca ggggagccca ggatgacttt atggatgagt acaccatgct      420
gaacatcggg aaagcttggt tctcgaagct gtagttcagc aaggatgctg ggactcaggg      480
tcagcatcat caccccaatg tagcgccgct gggaccact gattccggag gaggaattct      540
tcttttcccc acgatgcaga aactctcgaa gacgatcaga agggatggca aaggagattc      600
cagctgtgac cttcatgggt ttactccaa tcacctcccc atccagggtta accaggggac      660
ctccagagtt tccaaaatca atagctgcat cagtttgaat gtattccaca ttggtttggg      720
ggagtcccag gtctctggct ggacgtgag cagagctaac aatgccggat gtgatcgtgt      780
tctgcagtgc aaagggaact cccatggcaa caacaaactc cccttgccgg acatcagctg      840
agcgtcccag aggcagcgtg gggagaggct ccttagtctg aatcctcagc gttgcgatgt      900
ctgccacggg atccacagct gtgaccacgg cctcatagct gtcgccgctt agcagtctca      960
cacggactct gcgccgatca gccaccacat gggcggttggt gacaatgagc ccatcggcag     1020
ccaccacgaa tcttgagccg ttcgagatag ggacctcgcg gcccaagaaa gggtgccggg     1080
ccaggatctc gatatagacc acggcagggt ctgtcttctc caccacatct gcgatgaagt     1140
tgtactgact gaagtccttc agaagtgcac gccgggacca ggattccggg aggccgactc     1200
ctccctgccc cacgaatgcc gggaattgtg gtctccgccg gacgcgagtt gtgagacggc     1260
ccaagg                                           1266
  
```

<210> 3457  
 <211> 3899  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2695)  
 <223> similar to gi5499741 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 3457
gactgcctca acaaagaagg ctttgacaaa atagatatca gtgcagttgt ggcataatcc      60
atcgctgtaa aggaggatgg ggagctcaac ctaatgaaga aagcagccag catcacttct     120
  
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gaagtcttca	acaaattctt	caaggaaaga	gtcatggaaa	tagttgatgc	agatgagaaa	180
gttcgacaca	gcaaactggc	tgagtctgtg	gaaaaggcca	ttgaagagaa	aaaatacctt	240
gctggggcag	acccttctac	tgtggaaatg	tgttaccctc	ctatcattca	gagtgggtggc	300
aactataatc	tcaagttcag	tgtggtgagt	gacaagaatc	atatgcactt	tggggctatc	360
acttgtgcc	tgggtattcg	cttcaagtct	tactgctcca	accttgttcg	cacttttgatg	420
gttgatcctt	ctcaagaagt	tcaagaaaat	tataactttt	tgctccagct	tcaagaggag	480
ctgctgaagg	aattaagaca	tgggtgtgaag	atatgtgacg	tgtataacgc	tgtcatggac	540
gtgggttaaaa	agcagaagcc	agaactgctg	aacaaaatta	ccaaaaacct	agggtttggg	600
atgggaattg	aattcccggtg	aaggctccct	agtaatcaat	agcaaaaatc	aatacaaaact	660
tgaagaaagg	aatgggttttc	agcatcaatt	taggattctc	cagacctgac	taacaaggag	720
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gttcctaaag	aatgaagatg	aggaagaaga	ggaggaggag	aaagatgagg	cagaggacct	900
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caatggcccc	attcagatgg	caaggaggga	ggtgttcttg	aagacaggag	gaggctcccc	2940
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atttgcta	ggttgtgata	aaccatacag	cttgagccag	tgaggcagat	tgggctgggtg	3240
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acatggtaca	atgatagaag	gcaaaattgc	cactgtcttc	tttttttct	catatatcta	3420
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aaaggagtca	acatttagat	ctggaaggga	caagtcatgc	cttgggccta	gaataccctg	3540

atgagaaaag	agaagaggaa	gggaggccat	atctacaaca	cagcctctcg	gcactgctgc	3600
tccttatttt	aactttgtct	tgcattgtcc	tgtattttatc	acagtttctg	ttgaacagct	3660
tttcaagtat	ttggggagtt	tatcttgcca	tcctcccctt	ctggttctct	gcacccacct	3720
gtcccactgc	agttccctcc	gtgctctgtg	actttaagag	aagaaggggg	gaggggtccc	3780
ggattttatg	tttgtttgtt	ttttctcctt	agcagtagga	cttgatattt	tcaatttttg	3840
aagaactaaa	agatgaataa	actgggtttt	ttttgttgtg	ggtttttgta	aaaaaaaa	3899

<210> 3458  
 <211> 1146  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1147)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1)...(705)  
 <223> similar to gil916290 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3458						
gggcgcgggg	gccgcggccg	ggccggctcc	agggccggcc	gccgcgggtgg	ggcgcaggcc	60
gcttggtcga	gtgaatcgag	gcggcggggc	catccggaac	cggccggcca	tcgcccgcgg	120
cgcggccggc	ggcaggcggc	aggaaccgac	cggcgcccta	cagcaggcca	aaacaacttc	180
ccgacaagtg	gcagcacgat	cttttcgaca	gtggcttcgg	cggtggtgcc	ggcgtggaga	240
caggtgggaa	actgctggtg	tccaatctgg	attttgaggt	ctcagacgcc	gatattcagg	300
aactctttgc	tgaatttgga	acgctgaaga	aggcggctgt	gcactatgat	cgctctggtc	360
gcagcttagg	aacagcagac	gtgcactttg	agcgggaaggc	agatgccctg	aaggccatga	420
agcagtacaa	cggcgtccct	ctggatggcc	gccccatgaa	cattcagctt	gtcacgtcac	480
agattgacgc	acagcggagg	cctgcacaga	gcgtaaacag	aggtggcatg	actagaaacc	540
gtggcgctgg	aggttttggg	ggtgggtggg	gcacccggag	aggcaccgcg	ggaggcgccc	600
gtggaagagg	cagaggtgcc	ggcaggaatt	caaagcagca	gctttcggca	gaggagctgg	660
atgcccagct	ggacgcctat	aatgcgagaa	tggacaccag	ttaaacagac	cagcaaattc	720
gcgtgcggaa	caggaccag	gcgtctcttc	ttgctccctg	gttggggggc	ggtggctggg	780
gctgtgcggc	caatgatgga	tttgtttctt	ttatgtttaa	aataggattt	aaaaactcat	840
gtaaagggtt	atttttttcc	tttttttttt	tttaaaaccc	aaaacagacc	tttttttccc	900
cgagttattt	ttgggaaaaa	atttactggt	tgctgttggg	aaaaaggggc	ctttccccct	960
tttctataaa	aaaaaaaaaa	atgtgtgtag	aaaaaaaaaa	acaaaaaaa	canggggggg	1020
gccccctttt	aaaaaacccc	tcggggggcc	ccatttaccc	cggggttggc	aaaggttatt	1080
tttctttttt	ttagggggga	atataacccc	ctctgggtcc	ttttggaaaa	cccccttttt	1140
ttggcg						1146

<210> 3459

<211> 455  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(456)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (455)...(18)  
 <223> similar to gi2429362 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3459

gtagaggtag	gagctgggag	acaggtagag	ccatggagag	gtgggatctg	ggtgaggcac	60
ggggccttgg	agaggtggga	cctgggtgag	gggtggaacc	tcggagaggt	gggacctggg	120
tgaggggtgg	agccttggag	aggtgggacc	tgggtgaggg	gtggagcctt	ggagagctgg	180
gacctgggtg	aggggtggag	cctcggagag	gtgggacttg	ggtgaggggt	ggagcctcgg	240
agaggtggga	cctgggtgag	gggtggagcc	tcggagaggt	gggacctggg	tgaggtgtgg	300
aacctcggag	aggtgggacc	tgggtgaggg	gtggaacctc	ggagaggtgg	gacctgggtg	360
aggggtggag	cctcggagag	actgtccctg	gacaggggtg	ggaccttgag	agacctgggtg	420
ctgagatgag	gtangacca	natgtcctct	tgccg			455

<210> 3460  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (732)...(101)  
 <223> similar to gi3337385 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3460

tttttatttt	atttttatat	tattttattta	ttcttcgtta	gtttgttttt	ggagcgtggg	60
ttttgttttg	ttttttgatt	tttttctttt	tttcgacca	cggattttatt	cttattgccc	120
aggcttgagt	gcaatggcgt	gttctcagct	tactcaacct	ccgcctcttg	ggtttgggta	180
attgttggtc	ctcggcctcc	ctctgcctct	tgggcttggg	cgattgttcc	acctcatccg	240
ccctccgctt	cttgggtttc	ggtgattggt	ccacctcatc	cacctccac	ctcttgggtt	300
tgggtgggtt	ttccgcctcg	gcctcctgag	tagctaaggg	aggagtcttg	agattatcat	360
ccactgaggg	tggaagagga	gaggggtgga	gagggacaaa	gagacagtcc	ttcagattat	420
catccactga	gggtgggaag	aggagagggg	ggaaggggag	tgagcagaca	ctcgggaggt	480
gtcttgaggc	tcagggagtt	atcagttata	gaatgttggt	gagttggagg	aggtggctgg	540
tggcccatcc	tgttttttaa	agtttcagct	gtgaggtagg	gccagtaggg	caatcctgaa	600

gaatgacgat	gctccgctgc	cgccattctg	acccagttgc	aaagagcctt	tcttgacagaa	660
ggggggattt	tgcattttgtg	gtagtcctct	gctcgccgcc	gcaactcttg	cgcacgttga	720
aacattttcc	tatggattac	aatcactttc	atcagataaa	g		761

<210> 3461  
 <211> 1773  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1774)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (28)...(1270)  
 <223> similar to gi5689535 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3461						
tcgcgtacgt	acgttgggat	gctctacagc	ggccgcgcc	tcccatcaa	gcaggggatc	60
ctgctaaagc	ggagcggcaa	gtccctgaac	aaggagtgga	ggaagaagta	tgtgaccgct	120
ctgtgacaac	gggctgctca	cctatcaccc	cagcctgcat	gattacatgc	agaacatcca	180
cggcaaggag	attgacctgc	tgcggacaac	ggtgaaagtg	ccaggggaagc	gcctgccccg	240
agccacacct	gccacagccc	cgggcaccag	cccacgtgcc	aacggcgtgt	ccgtggagcg	300
gagtaacaca	cagctgggtg	ggggcaacag	aggcagagga	gtcgtttgaa	tttgtgggtg	360
ggtgtccctc	actggggcag	acgtgggcac	tttcgagggg	ttcaacgggc	ggagggagcg	420
ggagctgtgg	gttcagagtg	tgcaggccca	gacccctgcc	agcctgcaag	gcttgccgag	480
tgccaaggac	aagacttcga	cttggggaac	cagaacgcag	ctctggctgt	gcaggccgtc	540
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agcctgaacc	tgggtgccct	gatgtgcatt	gagtgtcag	gcatccaccg	acacctgggg	660
gctcacctgt	cccgggtgcg	ctcccttgac	ctcgatgact	ggccgngtga	gctgctggct	720
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ctttgtacat	tgggaatattt	atgtttgtgt	acatatgtga	tgtgtgtgtg	tatgatgagc	1740

&lt;210&gt; 3462

&lt;211&gt; 2239

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (2152)...(1400)

<223> similar to gil710175 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

&lt;400&gt; 3462

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tataaataca	aaggcagaga	atttacttac	aaagttaaaa	cacagatttc	aaacataaac	120
acacgattca	gaaaaatttt	agttttatgt	acatttccaa	gcaacctcaa	catattatgt	180
tagttttcaa	tattttacag	ggtacagaaa	aaaatagctc	aaagtcttct	ttaaataaga	240
gcataaaatg	tttaaacata	taaacaatcc	ggtttgatgc	gtgaaaacta	atttcacagc	300
ttttaaatta	ggatataaaa	gtttcataca	attagttggt	gtgtgtggat	atggtttgaa	360
tttatattac	acactactgg	attacatcca	atagcattta	cctggcccga	gcaggctactc	420
tgtaaacaaa	acaaagttat	atcaccaagt	gccttccccg	aattcgctcc	ctcaaaccac	480
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ttataacaac	ttcataaaaa	ctgacttaaa	agtttaaaag	gaaaaaaaca	tgtttctaag	720
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gagacttgca	gaaacctgcc	gataaaattc	tgcctctgca	atgggtgacaa	tttccacggt	1080
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cagtagccag	tttcgtggcc	cctgagccac	agataacttg	atgttataac	acggtaagag	1200
gggggtctct	gaaaattcaa	attcaaacac	atcgctatag	gcatcgtcac	catcatcctg	1260
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atatcaggtc tcatggtag 2239

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```

<210> 3463
<211> 2063
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2064)...(737)
<223> similar to gi2852632 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3463
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tccacatata ctatttttaa aataagcatg taaattataa tcattataaa acataagtta 120
ggccctaatt taatattatc aaggtaaaat gagcacatat aggaagtcag tctaactttg 180
ttcgcaattg tcttttaaag ttagaatata taaaagatt tagcacggtt gtattttatc 240
ttatttcagt tttcatgtta tcatcaacta taataacccc ttaggaaatg taccacctta 300
taacttacat tgggaatagcc caatatttct taggtagggt attaaacgta ccatttaaat 360
cacectaaac caaataatcc taaaaaaata ctgggtttta attaaaaccc tgaggaatta 420
aaatttggtt ttacacaata gttttgggtt aagtggcaat ttccatggta catacctacc 480
tttggtttta gggatgtact tggtaaggcc atagtaaaaa taaaatctac gtaagtaaca 540
atctaatact atatttaatt tgttgctaca aagttgtttt gtttctctaa aaagtagttt 600
ttgcatatca ttctggacct ctccacccat ctgctggctt atttgcttta tatacaacag 660
ttaaaatttg tgcactaagc tgagctgcct tcacaattgt gggttcagaca aaatgcaccc 720
aaagaactac atgttaagag agttcatgtc catgtcaac catggcttgc acaaattgct 780
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catgatccat atcaacttgt ttacaaaca tatgtcgggt cttattaact gaagactgaa 1140
ggcaggttgt caaatagtaa ttaaaaagta gccagttcag tggtttttcc aatgactctg 1200
agcaagcgaa ggtgttccaa ccaacggaaa aagttgcagc tgccatcaaa ggcgttttgg 1260
acccaatttt gcccaagtaa tttagaagca gcattcctcc cattgaaacc cctgctgcca 1320
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tgtagcaca acaataagtc cttggcgtca agagattctc ccccgccact cctctgttgt 1440
taaaaaccac acatctgtat cctaattctt cactaagatg gatcatatga aggatatatg 1500
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<210> 3464  
 <211> 5017  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (5018)...(2724)  
 <223> similar to gill136418 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3464

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<210> 3465

<211> 4236

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(3648)  
 <223> similar to gi3882329 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3465

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<210> 3466

<211> 939

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (940)...(137)

<223> similar to gi2664429 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3466

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<210> 3467

<211> 1520

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1523)...(667)

<223> similar to gi817954 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3467

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<210> 3468

<211> 3999

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4002)...(1682)

<223> similar to gi3327128 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3468

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<210> 3469

<211> 2493

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1790)

<223> similar to gi5733824 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3469

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actgttcacc	ttgtcattaa	aacacaaaac	aggcctcagg	atcattcagc	tcagcaaaaca	360
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tctgtacta	gcaacccttt	tggttttagt	ggccttgggg	gacttgcagg	tctgagtagc	480
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<210> 3470

<211> 373

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(330)

<223> similar to gi5326854 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3470

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tgacagcaaa	taacactttg	agcaagccca	ccagatacca	ggcgagctga	aggaaatcaa	180
gcaagatatt	tccagcctgc	gctatgagct	tcttgaggaa	aaatctcaag	ctactggtga	240
gctggcagac	ctgattcaac	aactcagcga	gaagtttgga	aagaacttaa	acaaagacca	300
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cagcattcca	agg					373

<210> 3471  
 <211> 6076  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(3242)  
 <223> similar to gi3947688 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3471

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<210> 3472  
 <211> 1492  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1495)...(80)  
 <223> similar to gi4689256 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3472						
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cttgetcatc	tccttgtgcc	cttggatctg	agagttgacg	aaggcgcgga	ggatgtggga	240
ggtgaggggc	aggtagacgt	ggatgagctg	cgtctcctgg	tgcaggcagt	acagggagaa	300
gtagttccgc	agctccatcg	tctgaatcgc	gttctcctgc	tccacgatgc	gggactccag	360
ctgctccacg	gactccgggc	tgcggggttc	tgcgcgggtg	gcgctcatca	tctgcctctt	420
catcaggctg	tactttgtgc	aagggcccg	tggtgctttg	tgcaacacgc	ccttctcatg	480
gccgcttcgc	acaggtcctt	aataggactg	gcagcagatc	caagaagagg	ttcagcttct	540
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caaatttcca	cagacaggcc	tttcagagcc	tgcttcaggg	acccccacg	tgcttgctat	660
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tggggctcga	tggcctgggg	tgteggcaga	tctgacgcgg	ggggatccgc	ctcctcgta	1440
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<210> 3473  
 <211> 4696

<212> DNA  
<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(4492)

<223> similar to gi2815888 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3473

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cgcggcgccc	accttaccga	gtcgggtggc	gcgccggaca	gcggcgccct	gagtcccgcg	360
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ccagaggaac	gaatgatcag	ggagaaactg	aaggcaacct	gtatgccagc	ctggaagcac	540
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gcggcttcac	cagcttccaa	aggccgacgc	agtccttctc	ctggcaactc	cccatcaggt	720
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<210> 3474

<211> 2915

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(2202)

<223> similar to gil657752 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3474

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<210> 3475

<211> 2429

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2405)...(719)  
 <223> similar to gi4510377 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3475

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gattctttta	aaccgcccc	cctTTTTTTT	TTTTTTgaga	tttaacattg	tacattttat	180
taaatactgg	actttattac	aacaaattaa	tttacttccg	atagaagttt	cattttaaaa	240
aatgtggttg	tgttcaaatt	cttaattgac	acttgTTTTg	gggtaaacat	cctattttta	300
ctgggtggtat	catcaatcat	tatgagcaga	aagattaatt	ttgtaccaca	gaacaaagga	360
atttctcaag	tgggtacaat	acttcaatat	atataaaggg	gaatatactc	cccaaaggag	420
tggggcatga	ccacagcaga	gtatatgatc	agagaacata	ttgcttttat	ggtatatata	480
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gcagttccct	tacataatct	ggccaacggt	ctttatatat	tgcttctttt	tcgaattcga	2400
ccacacggac	tagggatcta	ctaatttta				2429

<210> 3476



<211> 3973  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature

<222> (3975)...(1294)

<223> similar to gi4914601 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3476

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gactcccaca	ttgggtgagc	aagatgagcc	cataggattc	cagagttaat	acgtaaccgt	240
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atgccagttt	aaagcaaaag	agacatcctt	taataactgt	ataaaatcca	ggcagttcca	480
ttaaaggggt	taagaaaacc	aacaacaaca	aaaagcgagg	gactgtctgt	tgctactgtc	540
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caggggagac	atccgccaaa	gtcatccttt	attccgagta	ataactttta	ttcctttcta	1140
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ctcgtctccc	ccc					3973

<210> 3477

<211> 1459

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1458)...(424)

<223> similar to gi3881654 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3477

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cacacaaaaga	tcaggagaag	aaatctatgc	agctatacat	gctaggacct	gttgtaacac	180
atccctgcaa	ccccatagaa	agaaaaaaa	ctcttttttc	aaaatagaag	cagtattctt	240
ctacgaaaac	aaaacaatca	catgtgacta	ctggaaatgt	tagtgttaca	cagatcctt	300
taaaaataaa	tcacagccaa	agttccataa	agtacagaag	cttgaaacag	aaaataaaaa	360
tcgactcgaa	gagtgatgat	gggagcctga	agctccatcc	tcacaaggac	ggcagcctct	420
ggacatcact	gcaaagggtca	caggaggaca	gcttcacttc	agagttgtaa	cttctcaccc	480
cctgtctcct	tggctcatag	taatccacta	tggacactga	agcatcttgg	gtatttgaaa	540
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aatagagggt	gagttttcca	tgatcatatt	ccactttctt	cactgtctcg	ctcagagaaa	660
ttgcttctga	aggcaccata	aagccactta	ataggtaaac	ttccataaga	gccatgccac	720
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agactcttgc	acctcgtgc					1459

<210> 3478

<211> 2304

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2305)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2)...(1053)

<223> similar to gi4884158 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3478

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ctcgctcgat	gctcaggaga	gcttgggaagt	cgccatccag	tgcttgagga	ctgctgttgg	240
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cagccccacc	aggaaagcaa	gccgggagag	cccggacagc	aggcagcctt	gtctgggttc	2040
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cagtcggagc	atcctggggg	ctccctggct	cctggccent	ctgtgaggta	ggcgcagtac	2160
cgtgtatcgt	aggtagcagt	aggaacgggg	gccgcccgcg	gccctgcagc	cgctcatggc	2220
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<210> 3479

<211> 1838

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1170)...(656)

<223> similar to gi453376 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3479

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caggggatgg	ggagggtggag	ggtgtatgta	tgtgtgtgct	gcgatccaca	atggaaagag	540
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aacttttaaa	tacaaagtct	gagctgtccc	atgccccaa	tcttcctgtc	cactaaggtc	660
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gagaaataaa	gagtgtctct	attcaggatc	aggggttagag	tttagagcat	atatatacat	1260
acacacacac	acacacacac	acacacacaa	taatcagtaa	catacttctt	ttgaaggatt	1320
gggaaatggt	actagatgga	aaactaatct	gatcttcttc	tgtttgctcg	aaaaacagag	1380
ggaaactaag	aaaaaggcta	ctaactaatg	cccccaatca	atatccactc	atttatttga	1440
tgaaagtaaa	cagcagtggc	aactaatatg	tttgtaaagc	ggcaaaccct	caagtagggc	1500
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cagtgtgaat	catccgggtg	actgccagat	tgtgggaact	cttgaaggcc	cgagcacaat	1620
attcacagat	ataatccctt	tgatctatga	agaaaatact	gtgggttagtg	ttctatttag	1680
ataccctgta	aatatttttc	cttacagtaa	gtaagcagat	gatggggcag	gcaatttaga	1740
gtaaaagcaa	tgctgttttc	aatgtataaa	cactttgggt	aaacaaaatt	taaaaaagaa	1800
aagtattgct	ttaaaaaaa	tccaacattc	ctcgtgcc			1838

<210> 3480

<211> 3184

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (130)...(2367)

<223> similar to gil336628 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3480

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ccctactttc	agcttcattt	acctcttaat	tctcctttgc	ctggaagtga	attgaccaag	180
gaaccttttc	gttgggatca	gagactcttt	gcattagtgt	tgcggttgcc	tggcaccatg	240
tcagtagaat	cagaacagtt	gacaggtgtg	ccttttagatg	actctgcaat	cacaccaatg	300
tgtgaagtga	caggcgggccg	ttcatattct	gtgtgttctc	caagaatgct	taatcagtgt	360
ctggagtcct	tggtgcagaa	agtacaaagt	ggggtggtaa	taaactttga	aaaagcagga	420
ccagatccct	cccctgtaga	agatgggcag	ccagatatat	caaggccctt	tggatctcag	480
ccttggcata	gctgtcacaa	actcatatat	gtcagaccaa	atcctaaaac	tggggttcct	540
ataggtcatt	ggcctgttcc	agagtctttt	tggccagatc	aaaattcgcc	aacactacca	600
cctcgtacat	ctcatcctgt	agtgaagttt	tctgtacag	actgtgaacc	aatggttatt	660
gataaacttc	cttttgacaa	atatgagttg	gaaccttcac	cactgactca	atttatcctg	720
gaaaggaaat	ctcctcaaac	atgttggcag	gtgtacgtga	gcaatagtgc	aaaatacagt	780
gaacttggtc	atccttttgg	ttacttgaaa	gccagtacag	cactgaactg	tgtcaactta	840
tttgtgatgc	cttacaatta	tccagtcctt	cttcccctct	tagatgactt	gtttaaagtg	900
cataaagcaa	aaccaacatt	gaagtggaga	cagtcatttg	aaagttattt	gaagacaatg	960
cctccctact	atcttggggc	cttgaagaaa	gctgttagga	tgatgggagc	acctaacctta	1020
atagcagaca	gtatggaata	tggacttagt	tacagtgtca	tttcatacct	caaaaaacgt	1080
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acaggagact	ggaataaaaag	tccggagccg	atcacatggg	ttatcaatgg	catataggaa	1200
agattttcaa	caactcctcc	aggggaatttc	agaggatgtc	cctcacagac	tgctagacct	1260
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gacatttaga	aatgcttatg	acataccaag	acgaaatctt	ttggatcact	taacaagaat	1380
gagatctaata	cttttgaaaga	gcactcgcag	atttctgaaa	ggacaggacg	aagatcaagt	1440

gcacagtgtt	cctatagcac	aaatggggaa	ctaccaggaa	tacctcaagc	aagtaccttc	1500
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aaaaggacca	cctgcaccta	caactcaagc	acagccagat	cttattaaac	ctcttctctt	1800
tcataaaatt	tcagaaacca	ctaattgattc	gataatacat	gatgtgggtg	aaaatcatgt	1860
tcagagccaa	ctttcatcag	acattacacc	aaatgctatg	gatacggaat	tttcagcatc	1920
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tttaggaacc	aatgacctca	ctgttgggtg	attttttagaa	aatcatgagg	agccaagaga	2040
taaagaacaa	tgtgctgaag	agaacatacc	agcatcttca	ctcaacaaag	gaaagaaatt	2100
gatgcattgc	agaagccatg	aagaggtcaa	tactgaacta	aaagcacaaa	taatgaaaga	2160
gatccgaaag	ccaggaagaa	aatatgaaag	aatcttcact	ttactgaagc	atgtgcaagg	2220
cagttttacaa	acaagactaa	tattttttaca	aaatgtcatt	aaagaagcat	caaggtttaa	2280
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tccttcttcaa	atacaaagta	aatacaagac	tgttgtgac	ttgcattcat	ttcttgacat	2460
gcattgttgg	ctatttgaaa	tactaaaagc	aaatctacag	atcctttttc	catcatttta	2520
cagtgcactt	ttcttcattt	tggtttattt	ttgtaatgtg	aaaagtatca	ctctaaaaaa	2580
cattttttaat	ttaacaaact	aaaaatattc	ctccaaatct	cttgcttgtc	attgactctt	2640
gcgtgtcaat	ttccctcagg	ttctattttc	ttaaaccaac	ctttaaaatt	gtcacctctg	2700
ttaaggttga	actttgccaa	aaaaaaaaaga	agttactttg	taatttttgg	ggaaaaaagc	2760
acatacat	aaactaggtg	atgtttttgt	tatacagtta	ttttggatat	attattgtaa	2820
gtgtacaaa	tgtattttcg	agaatattt	aagtacaagg	cacttttgtt	attccatcaa	2880
taaatgctct	attttactct	tgtgtggttt	aggaaataat	cacatttaaa	gctaattcatt	2940
taaaaacatc	ctaagataat	ggaattttta	aggccttgct	tttttagcatt	ggaaaaatac	3000
accacttgaa	gttcattggtt	gttaagccta	actgtaatta	catgtttacat	aatctgcatt	3060
gcctttttac	tatatgttcg	tagtttttgt	tggccatgcc	aacatactcc	catttctgcc	3120
tagattatgg	gaatgacttt	gtatggggca	gatagacaga	tactttaaaa	gctattttaa	3180
aagc						3184

<210> 3481

<211> 2513

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (26)...(951)

<223> similar to gi437664 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3481

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acaagatgca	agtgagaaat	agcaaagctt	ctttttgaca	agttaaagat	ggatgtttgt	120
cagaaagtgg	atttactttg	agctagtcgc	tgcaatatgc	tatctcattc	gctcactacc	180
taccagagaa	cactgcttgg	attctggaag	aaaacagctc	gaatgatgtc	ccaaattcat	240
gaagcctgta	ttggctttca	tccgtatgat	tttgtagctc	tcaagcaact	acaagacacg	300
ccaagcaaga	ttagtgaaga	caataaagat	gaacaaatag	gcggttttct	tactgaacag	360
ctcaataaagc	tagttttgtc	tgatgaggaa	gcaagctttg	agagtgaaca	agcaaacaaa	420

gatcacaatg	aaaaacattc	tcaaatgaga	gaatttggag	cacctcagtt	ttctaactct	480
gaaaatggtg	caaaagatct	acctgtagat	tcattggaag	gagaagattt	tgagaaggaa	540
ttctcatttc	tgaacaacct	cctaagttct	ggttcttcaa	gtactagtga	atttacccaa	600
gaatgccaga	ctgccttttg	gagccccagt	gccagtctca	catcccagga	gccttccatg	660
gggtctgagc	ccctcgctca	ttcttctoga	ttccttccct	cacaactctt	tgaccttggc	720
tttcatgtgg	ctggagcggt	caacaactgg	gtctcccaaag	aggaatcaga	actttgtctt	780
tcacacactg	ataaccagcc	agtgccttca	cagagtccaa	agaaattaac	aagatccccc	840
aacaatggca	accaagacat	gtcagcctgg	ttcaatctgg	ttgcagactt	ggatccactt	900
tcaaacccag	atgctattgg	acactcagat	gatgaacttc	ttaatgcttg	actgaagtta	960
taatgtcact	tcagtggcct	tgagacatca	attttgcaac	gtatttcctt	cgtggaaagg	1020
atntagattg	taaccgcac	acaaaagcac	ggtgtttgtg	aatataacac	ctgtcagcca	1080
acttttagaca	gatggtaaag	accacatttg	aataagtaca	catctttcat	atcttggatt	1140
tgagctgttt	ggtactatgt	ggaaaatatt	agaaacttct	atgtggaaaa	tattagaaac	1200
tacagagttt	gcgatattta	gatactgaaa	tttatgtcaa	aataacggct	aggaataatt	1260
ctgtcaatat	ggagttgagc	ttatttcttt	ggaaaccctt	ttaagttgcc	ttgctggctg	1320
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tggggtcagt	ttttaaatga	aatagtagcg	aggaggattt	tctgttttgg	aaaacaccat	1440
tagaaccaga	ccagctttgt	tttgggttag	agagagtaag	atltgagaac	tcagtttgct	1500
ttaatgaaat	cacagagaaa	cttgggtactt	gtttttcttc	atltggaggc	taaaatgtaa	1560
tgttttttca	ttcatacaaa	ataatggaca	ctccctaatt	ccattattaa	atcttgaagg	1620
ggaagtagca	ggataattaa	tttgctaagc	ccatcctctg	cagaaacaga	aaaatctatc	1680
ttcccatctc	ctaaaactca	gaatgcacag	taataacttaa	ggcttgtaca	agtgtcttca	1740
gaccactttt	ttcatacact	tgctatatag	tagtatgcag	tatttatatt	attcctgaaa	1800
ataaaatgag	gggagaatat	tccttaagca	actggcaata	gtattcctga	aatacctaga	1860
aatttctatc	tgaatgaggg	agacacttat	gaacacctta	tccttacata	tatttgcata	1920
cttatctcat	atlttgtgac	ataattattt	aaccagaat	actttctggc	agacatacag	1980
aaagctctgt	gtgactaata	agggagtgtc	tcatttttct	acttccctct	ttctgtgggt	2040
gacatgatct	gaggttctat	ttgattacta	agcaaaatct	gttaccctta	cagggtttag	2100
aacctaagta	ttagagagga	aggctattta	atggaagtta	gtgtaagctg	ataaaaacgt	2160
agctaccgta	cacacacatc	aatcactcaa	tttctgtgcc	ttttaaattg	cccacccttt	2220
aattttgaag	caatttccca	agtgtgtggt	tgttttatat	ttgtcatcca	gtccattgca	2280
tttccataag	aagacatttt	gactggctgg	gtgcggtggc	tcacgcttgt	aatcccagca	2340
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atggtgaaac	cccgtctcta	ctaaaaatac	aaaaaattag	ccaggcgtgg	tggcacgtgc	2460
ctgtagtccc	agctactccg	gaggctgagg	caagagaatg	gcgtgagccc	ggg	2513

<210> 3482

<211> 2867

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1984)

<223> similar to gi3818572 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3482

cttcctcttc	tccacgcagg	cttcaacagg	agatttatgg	agaatagcag	cataattgct	60
tgctataatg	aactgattca	aatagaacat	ggggaagttc	gctcccagtt	caaattacgg	120

gcctgtaatt	cagtgtttac	agcattagat	cactgtcatg	aagccataga	aataacaagc	180
gatgaccacg	tgattcagta	tgtcaaccca	gccttcgaaa	ggatgatggg	ctaccacaaa	240
ggtgagctcc	tgggaaaaga	actcgctgat	ctgccccaaa	gcgataagaa	ccgggcagac	300
cttctcgaca	ccatcaatac	atgcatcaag	aagggaaagg	agtggcaggg	ggtttactat	360
gccagacgga	aatccgggga	cagcatccaa	cagcacgtga	agatcacccc	agtgattggc	420
caaggaggga	aaattaggca	ttttgtctcg	ctcaagaaac	tgtgttgtac	cactgacaat	480
aataagcaga	ttcacaagat	tcategtgat	tcaggagata	attctcagac	agagcctcat	540
tcattcagat	ataagaacag	gaggaaagag	tccattgacg	tgaaatcgat	atcatctcga	600
ggcagtgatg	caccaagcct	gcagaatcgt	cgctatccgt	ccatggcgag	gatccactcc	660
atgaccatcg	aggctcccat	cacaaagggt	ataaatataa	tcaatgcagc	ccaagaaaac	720
agcccagtc	cagtacgga	agccttggac	agagttctag	agattttacg	gaccacagaa	780
ctgtactccc	ctcagctggg	taccaaagat	gaagatcccc	acaccagtga	tcttgttggg	840
ggcctgatga	ctgacggctt	gagaagactg	tcaggaaacg	agtatgtgtt	tactaagaat	900
gtgcaccaga	gtcacagtca	ccttgcaatg	ccaataacca	tcaatgatgt	tcccccttgt	960
atctctcaat	tacttgataa	tgaggagagt	tgggacttca	acatctttga	attggaagcc	1020
attacgcata	aaaggccatt	ggtttatctg	ggcttaaagg	tcttctctcg	gtttggagta	1080
tgtgagtttt	taaactgttc	tgaaccact	cttcgggcct	ggttccaagt	gatcgaagcc	1140
aactaccact	cttccaatgc	ctaccacaac	tccacccatg	ctgccgacgt	cctgcacgcc	1200
accgctttct	ttcttgaaa	ggaaagagta	aaggggaagc	tcgatcagtt	ggatgaggtg	1260
gcagccctca	ttgctgccac	agtccatgac	gtggatcacc	cgggaaggac	caactctttc	1320
ctcctgcaat	gcaggcagtg	agcttgctgt	gctctacaat	gacacctgct	gttcctggag	1380
agtcaccaca	ccgccttggc	cttccagcct	cacgggtcaag	gacacaaaaa	tgcaacattt	1440
tcaagaatat	tgacaaggga	accattatcg	aacgctgcgc	caggctatta	ttgacatggt	1500
tttggcaaca	gagatgacaa	aacactttga	acatgtgaat	aagtttgtga	acagcatcaa	1560
caagccaatg	gcagctgaga	ttgaaggcag	cgactgtgaa	tgcaaccctg	ctgggaagaa	1620
cttccctgaa	aaccaaatec	tgatcaaacy	catgatgatt	aagtgtgctg	acgtggccaa	1680
cccatgccgc	cccttggacc	tgtgcattga	atgggctggg	aggatctctg	aggagtattt	1740
tgacacagact	gatgaagaga	agagacaggg	actacctgtg	gtgatgccag	tgtttgaccg	1800
gaataacctgt	agcatcccca	agtctcagat	ctctttcatt	gactacttca	taacagacat	1860
gtttgatgct	tgggatgcct	ttgcacatct	accagccctg	atgcaacatt	tggctgacaa	1920
ctacaaacac	tggaagacac	tagatgacct	aaagtgcaaa	agtttgaggc	ttccatctga	1980
caggctaaag	ccaagccaca	gagggggcct	cttgaccgac	aaaggacact	gtgaatcaca	2040
gtagcgtaaa	caagaggcct	tcctttctaa	tgacaatgac	aggtattggt	gaaggagcta	2100
atgtttaata	tttgaccttg	aatccattcc	aagtccccca	aattttccatt	ccttagaaaag	2160
ttatgttccc	atgaagaaaa	atatatgttc	cttttgaata	cttaaattgac	agaacaaata	2220
cttgggcaaa	ctccctttgc	tctgcctgtc	atccctgtgt	acccttgtca	atcccatggg	2280
ggctggttca	ctgtaactag	caggccacag	ggaaggcaaa	gccttgggtg	cctgtgagct	2340
catctcccgg	gatgggtgac	taagtaggct	taggctaggt	gatcagctca	tcctttacca	2400
taaaagtc	cattgctgtt	tagcttgact	gttttccctca	agaacatcga	tctgaaggat	2460
tcataaggag	cttatctgaa	cagatttatc	taagaaaaaa	aaaaaaccca	cttaaaatag	2520
gggaagcaac	taggaccaa	ttacagataa	actagtttagc	ttcacagcct	ctatggctac	2580
atggttcttc	tggccgatgg	tatgacacct	aagttagaac	acagccttgg	ctgggggggtg	2640
ccctctctag	actggtatca	gcagcctgtg	taaccctttt	cctgtaaaag	gggttcatct	2700
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ttcctttatt	tctggctcac	agaggcagcc	acgaggcact	acaccaagta	ttatataaaa	2820
gccattaaat	ttgaatgccc	ttggacaagc	ttttcttaaa	aaaaaaa		2867

<210> 3483

<211> 1091

<212> DNA

<213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (15)...(798)  
 <223> similar to gi6002700 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3483

tttcgtagag	cagcaccag	cagcgccccg	gggtccccgc	gggaccgcgg	ccactggacg	60
gatacctcgg	agtggcggac	cacaagcccc	tgaaaatgca	ctgcagggac	tgtgccctgg	120
tgaccagctc	agggcatctg	ctgcacagtc	ggcaaggctc	ccagattgac	cagacagagt	180
gtgtcatccg	catgaatgac	gccccacac	gcggtatg	gcgtgacgtg	ggcaatcgca	240
ccagcctgag	ggtcacgcg	cattccagca	tccagaggat	cctccgcaac	cgccatgacc	300
tgctcaacgt	gagccagggc	accgtgttca	tcttctgggg	ccccagcagc	tacatgcggc	360
gggacggcaa	gggccaggtc	tacaacaacc	tgcattctct	gagccagggtg	ctgccccggc	420
tgaaggcctt	catgattact	cgccacaaga	tgctgcagtt	tgatgagctc	ttcaagcagg	480
agactgggca	aagacaggaa	gatatccaac	acttggtctc	gactgggctg	gtttacaatg	540
acaattgcac	tggagctctg	tgacaggatc	aatgtttatg	gcatggggcc	cccagacttc	600
tgacgggac	ccaatcacc	ttcagtacct	tatcattatt	atgaaccttt	tggacctgat	660
gaatgtacaa	tgtacctctc	ccatgagcga	ggagcgcaagg	gcagtcacat	ccgctttatc	720
acagagaaac	gagtccttaa	gaactgggca	cggacattca	atattcactt	ttttcaacca	780
gactggaaac	cagaatcact	tgctataaat	cattctgaga	ataaacctgt	gttctaagga	840
atgagcatgc	cagactgtaa	tcccagggtat	tcactgcac	agacaccgag	acactgaact	900
tcctgagcca	ccagacagga	aagggtagca	gaaaacagct	tcactcctca	ggaagtacca	960
tgacagacg	cctaccagg	gtgacaaagc	agtgcagttg	gattgtaagg	aaaaattccg	1020
gaattaatgc	atcctaata	atgttgtccc	cttcaatggt	gttaccttaa	gagctgaaca	1080
ttcaattcag	g					1091

<210> 3484  
 <211> 1129  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(738)  
 <223> similar to gi994773 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3484

tcaagttcag	gagacaggaa	gcgaacggcg	cgagaggaac	aggatgcacg	gcctcaacga	60
cgctctggac	aacttaagaa	aagtgggtccc	ctgttattct	aaaaccaga	aactgtccaa	120
aatagagact	ttacgactgg	ccaaaaacta	catctgggca	ctttctgaaa	ttctgagaat	180
cggcaagaga	ccagatctgc	tcacattcgt	ccaaaactta	tgcaaaggctc	tttcccagcc	240
aactacaaac	ttggtggcag	gctgcttgca	gctcaacgcc	aggagtttcc	tgatgggtca	300
gggtggggag	gctgcacacc	acacaaggctc	accctactct	accttctacc	caccctacca	360
cagccctgag	ctcaccactc	ccccagggca	tgggactctt	gataattcca	agtccatgaa	420
accctacaat	tattgcagtg	cgatgaatc	cttctatgaa	agtacttccc	ctgagtgtgc	480
cagccctcag	tttgaaggctc	ccttaagtcc	tcccccaatt	aactataatg	ggatattttc	540

cctgaagcaa	gaagaaacct	tggactatgg	taaaaattac	aattacggca	tgcattactg	600
tgcagtgcc	cccaggggtc	cccttgggca	gggtgccatg	ttcaggttgc	ccaccgacag	660
ccacttcct	tacgacttac	atctgcgcag	ccaatctctc	acaatgcaag	atgaattaaa	720
tgcagttttt	cataattaat	gaggaaaatg	aaaataaaca	gtggtcattc	acctcccctg	780
tctaattaag	acaaagcaga	tgcttgtggg	ctgagtaatt	ggcacaactc	tatctaaggt	840
gtttactagt	ttctgaagtg	tgtttcaact	attgtgagaa	ttttctatgt	aataataaat	900
ctcttttcgt	atgagaacct	cttttccttt	ccttttgtct	gtgaagcact	gtgattctgt	960
ttctactgga	aagatttttt	tctttttaat	tttcttttaa	acttatttaa	tttgtttgaa	1020
caaggtgtct	aagaatatac	tgttgaataa	agacatgcac	acagcataat	tcaatgtcta	1080
ttttggttgt	acagtaatta	taaaatgcat	gttattaaaa	ccagatgag		1129

<210> 3485

<211> 884

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (14)...(507)

<223> similar to gi5771535 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3485

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<210> 3486

<211> 6527

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3049)

<223> similar to gi5410204 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<210> 3487

<211> 4380

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4383)...(1310)

<223> similar to gi3882293 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<210> 3488

<211> 1224

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1152)...(0)

<223> similar to gi3347848 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3488

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ctgggggtgag	gggggtgtgc	caggtgggcg	ctctggtgac	tggttgcccc	ttcagcatta	480
gcccaccagg	gagcttcgtc	gggagaggtc	catggagctg	gagctgagag	tgcggtgtgc	540
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ggaactggcc	cgcttcaccc	tggggttagg	gggtcctcgg	ggggtgcccc	cctgcagctt	660
ctttaccagc	atctcactgc	tgcgcctcag	ggcatcccg	agtttcccaa	aggacccgct	720
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caggggtggt	ttgactgtgg	ggctgtggat	gggacagtct	caaactccat	gttccccccag	1140
acccagggcc	catcctggca	cccagcccac	agtgggcctt	gaggaagcat	ggacctccgg	1200
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<210> 3489

<211> 2647

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2431)

<223> similar to gi5305411 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3489

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tccagcacgg	ggcctctcca	gcccccaacc	aagaagcctg	aagatgaacc	ccaggagacg	180
gcatacagga	cccaggtgtc	cagctgctgc	ctccatatct	gtcaaggcat	cagaggactt	240
tggggaaacaa	ccctgactga	gaacacagct	gagaaccggg	aactttatat	caagaccacc	300
ctgaggggagc	tgttggtata	tattgtgttc	ctggtggaca	tctgtctact	gacctatgga	360
atgacaagct	ccagtgttta	ttactacacc	aaagtgatgt	ctgagctctt	cttacatact	420
ccatcagaca	ctggagtctc	ctttcaggcc	atcagcagca	tggcggactt	ctgggatttt	480
gcccagggcc	cactactgga	cagtttgtat	tggaccaa	ggtacaacaa	ccagagcctg	540
ggccatggct	cccactcctt	catctactat	gagaacatgc	tgctgggggt	tccgaggctg	600
cggcagctaa	aggtccgcaa	tgactcctgt	gtggtgcatg	aagacttccg	ggaggacatt	660
ctgagctgct	atgatgtcta	ctctccagac	aaagaagaac	aactccccct	tgggcccttc	720
aatggcacag	cgtgggacata	ccactcgcag	gatgagttgg	ggggcttctc	ccactggggc	780
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ttccatg						2647

<210> 3490

<211> 2354

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (562)...(679)

<223> similar to gi3493529 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3490

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tggcttattg	atgggagcat	tgtatgctgc	tgaacacctc	ttacttgggg	gttctcccca	180
gagacagaga	agaaaaccta	aggcaggcat	tagtcttgg	aaccagtacc	agctagtatc	240
tcattgccaat	gaaaagcatc	caggacaagc	atgtttgcaa	aaaacaagca	tgtcctgtct	300
ctttcacatc	tctggcacat	ccatgatcac	cctgagtcag	acccaaataa	ggggcagcag	360



agacagccag	atgaagcagc	aatttgaggg	tagtaactgg	tgatgacaaa	gcccttctca	420
atcttacttt	attaacttag	ccaaggetta	gttcctgttt	tgcagcctga	tggaaattta	480
atagatcatt	tgaagtatgt	aatcacctga	catgctaagt	gtctgtgtgt	gccggagaca	540
cagaatggca	acctgacccc	acctgtcct	tgtctaggaa	acacgctgga	gaagaaaggt	600
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gaaagccatt	ttgtgagagg	gcttagaatt	cagaggtgtg	tggcagcaca	gccgcattct	780
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atgtctagat	cacaaatttt	aagaaattat	aggagctgag	tttggtagat	ctaagagctg	960
agagttagtg	atactgagcc	atctgcaaaa	ctgctggtga	gagatacaaa	ttaaaaatct	1020
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gccacagcag	atgcaaacc	attaggtata	gcattggtca	agatattttt	gcttgtttca	1860
ataacacttt	tgttcttgat	tttaagggtc	attttagaaa	ctgctttaaa	atatttttga	1920
aagtataaag	aggtgaataa	aacatactcc	tgttccactg	tgcaaagata	gtcactgtta	1980
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caaatacaaa	aaagtgtgga	tgttttactt	tagcagtggg	gtggagactc	tggtgtgctc	2340
ttgtatagaa	gcgt					2354

<210> 3491

<211> 1030

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(798)

<223> similar to gi5912208 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3491

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agagattgat	ccagaccaac	ccaaaagact	gcatactttt	ggcaatccgt	ttaaacaaga	180

taagaagggga	atgatgattg	atgaagcaga	tgagtttgta	gcagggccac	aaaacaaagt	240
gaaacgtcca	ggggaaccca	acagtcctat	gtcatctaag	agaaggcgga	gtatgtccct	300
gctgttgagg	aaaccacaaa	caccacctac	tgtaactaac	catgtgggcg	gaaagggacc	360
accctcagcc	tcgtggttcc	catcttatcc	aaacctcata	aaaccacccc	ttgtacatac	420
agatgctact	atcattcacg	atggccatga	ggagaagatg	gaaaatggtc	agatcacacc	480
tgatggcttc	ctgtcaaaat	ctgctccatc	agagcttata	aatatgacag	gagatcttat	540
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cactcctgct	atggcacaag	gaatcaatgc	tgatataaaa	catcaattaa	tgaaggaagt	780
tcgaaagtgt	ggtcgaagta	agtagggaaa	gaacatctat	caataatgca	ccaggagggt	840
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attgggcttt	cacataattt	aaggcagttc	ctcttgtttt	aactaaaaag	gtacagccta	960
tattttcctg	ttttttcccc	ttatttcttg	gaatgtttcc	ttttgctgcc	gcaacaagtt	1020
atcaaaagat						1030

<210> 3492

<211> 8053

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3586)

<223> similar to gil665825 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3492

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gatgttaatc	tgcaagtccc	tgacagagca	gttttaggga	ccattcatcc	agatccagaa	180
attgaagaaa	gcaagcaaga	aactagtatg	attttgata	gtgaaaaaac	aagtgaact	240
gctgccaaag	gggtcaacac	aggaggcagg	gaaccaaata	caatggtgga	aaaagaacgc	300
cctctggcag	ataagaaagc	acagagacca	tttgaacgaa	gtgacttttc	tgacagcata	360
aaaattcaga	ctccagaatt	aggtgaagtg	tttcagaata	aagattctga	ttatctgaag	420
aacgacaacc	ctgaggaaca	tctgaagacc	tcagggcttg	caggggagcc	tgaggagaa	480
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gctgcagtgc	ttgatgacat	tcaagacctc	atctattttg	tcaggtagaa	gcactccaca	960
gcagaggaga	cagccacact	ggtgatggca	ccacctctag	aggaaggctt	gggtggagca	1020
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<210> 3493  
 <211> 4779  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (178)...(3458)  
 <223> similar to gi3776088 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3493

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aaaatcctta	gtgatattga	catgtctcaa	gtgacataaa	ttagccaatg	actcggaatg	180
atggattctc	cgaagattgg	aaatggtttg	ccagtgattg	gaccagggac	tgatataggg	240
atatcttcac	tccacatggg	gggggtattg	ggaaaaaatt	ttgattcagc	taaagttcca	300
tcagatgagt	attgccctgc	ttgtaaaag	aagggaaaag	taaaagcctt	aaagacttac	360
cgaattagtt	ttcaagaatc	tatctttttg	tgtgaggatc	tgcaagtgc	ctatcctttg	420
ggctctaaat	cacttaataa	cctaatttct	cctgatttgg	aagaatgtca	cactccacat	480
aagcctcaga	aaaggaagag	cttagaaaag	agctataagg	attcacttct	tttagcaaat	540
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aatggagaag	tatatgacga	aacctcgtca	aacttacctg	atagtagtgg	tcaacagaat	660
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accagtcaat	tgagtgggtg	taaagatgga	gattgtaaaa	aacttacctc	agaaatattt	1080
gcagagatag	agacctgtct	gaatgaagtt	agagatgaaa	tttttattag	ccttcagccc	1140
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tcgcagtgtg	gacaccaata	tcaaaacagg	catatgaaga	gtctgggtcac	ctttacaaat	1320
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cactata	actgattaca	cttcagttaa	aggggtaaat	aatttttggtg	gctttaaaac	2580
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ccagcagttt	gaggccacag	tgagccatga	tctgtccact	gcactccagg	ctaggtgaca	4740
gggcaagacc	ctgtctccag	aaaaaataaa	gaaattttt			4779

<210> 3494

<211> 1528

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(226)

<223> similar to gi836883 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 3494
cagaggggttt gataaagtgc tctggacccc tcgggtgctg tcaaattggcg tccagttctc 60
gcgcatacagt ccagatggtg aagaaggcta ccccgagag ttaaaagtct ggggtgacata 120
caccctggat ggcggagagc tcatagtcaa ctacagagca caagccagtc aggccacacc 180
agtcaacctg accaaccatt cttacttcaa cctggcaggc caggcttccc caaatataaa 240
tgaccatgaa gtcaccatag aagcggatac ttatttgcct gtggatgaaa ccctgattcc 300
tacaggagaa gttgccccag tgcaaggcac tgcattcgac ctgagaaagc cagtggagct 360
tggaaaacac ctgcaggact tccatctcaa tggttttgac cacaatttct gtctgaaggg 420
atctaaagaa aagcattttt gtgcaagggg gcatcatgct gcaagcgggc ggggtactaga 480
agtatacacc acccagcccg ggggtccagtt ttacacgggc aacttcctgg atggcacatt 540
aaagggcaag aatggagctg tctatcccaa gcactccggg ttctgcctgg agactcagaa 600
ctggcctgat gcagtcaatc agccccgctt cctcctctgt ctgctgaggc ctggtgagga 660
gtatgaccac accacctggg tcaagttttc tgtggcttaa ggaagtgtga agatatgatc 720
cagtcagggg ctaggctcag ccacctgtct cctgtccaga aaaaagggtga agattaagaa 780
gctttcagaa tgattctatg gattaaaatc atacaaatgg tggctgttct gagaatcagt 840
ctgggtattg atttcctttt ccagtgaact gctccaggcc atgtctaata accagctcga 900
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accctagcca gggactccca tgctgctggt ggctccatct ctccacactg cctctttctt 1020
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cttcacctcc aaccactgtc agcagcactc tggagttttc aaatgtcaca ttagcctcac 1140
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actgaggctt acagaggttg aagaccaaca agctaataaa taaaagtgtg aggccgggca 1260
cgggtggctca cgcctgtaat ccagcactt tggaggccg aggcaggcgg atcacagggt 1320
caggagatcg agaccatcct ggctaacacg gtgaaacccc gtctctacat aaaaaattag 1380
ctgggtgtgg tagcacgcac ctgtagtccc agctacttgg gaggtgaag caggagaatc 1440
gcttgaacct gggaggtgga ggttgcatg agccgagatc atgccactgc actgggcaac 1500
agagcaaaac tcgatctcaa aaaaaaaa 1528

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<210> 3495

<211> 1404

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (13)...(959)

<223> similar to gi5926736 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 3495
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aaccttgcct atggagaaga aaagaagaaa aagtgcatac cgtatgtgaa gacctacctg 180
ttgcccagaca gatcctccca gggaaagcgc aagactggag tccaaaggaa caccgtggac 240
ccgacctttc aggagacctt gaagtatcag gtggcccctg cccagctggg gaccggcag 300
ctgcagggtc cgggtgtggca tctgggcacg ctggcccgga gagtgtttct tggagaagtg 360

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atcattcctc	tggccacgtg	ggactttgaa	gacagcacia	cacagtcctt	ccgctggcat	420
ccgctccggg	ccaaggcgga	taaatacgaa	gacagcggtc	ctcagagtaa	tggagagctc	480
acagtcggg	ctaagctggt	tctcccttca	cggcccagaa	aactccaaga	ggctcaagaa	540
gggacagatc	agccatcact	tcatgggtcaa	ctttgtttgg	tagtgctagg	agccaagaat	600
ttacctgtgc	ggccagatgg	caccttgaac	tcatttggtta	agggtgtct	cactctgcca	660
gaccaacaaa	aactgagact	gaagtcgcca	gtcctgagga	agcaggcttg	cccccagtg	720
aaacactcat	ttgtcttcag	tggcgtaacc	ccagctcagc	tgaggcagtc	gagcttgag	780
ttaactgtct	gggatcaggc	cctctttgga	atgaacgacc	gcttgcttgg	aggaacccag	840
acttggttca	aaggagagaca	cagctgttgg	cggggatgca	tgctcacaat	cgaagctcca	900
gtggcagaaa	gtcctttcca	gccccaatct	atggacagac	atgactcttg	tcctgcactg	960
acatgaaggc	ctcaagggtc	caggttgag	caggcgtag	gcactgtgcg	tctgcagagg	1020
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ctgcggccct	gtcccatggc	ttaaccgctt	attggtatct	gtgtatattt	acgttaaaca	1140
caattatgtt	acctaagcct	ctgggtgggt	atctctctct	tgagatgtag	aaaatggcca	1200
gattttaata	aacgttggtta	cccatgtcct	ccagtgttta	tcaaatgagg	taaaaggccg	1260
gctggtgggc	atggtgactc	ccccctgtga	tcccagcaac	tttgggaggc	tgcagtggat	1320
ggcttgagct	cagaagtgtg	agatcagccc	aggcaacata	gataccctgt	ctacaaaaaa	1380
accaaaaaat	tatccagggg	tggg				1404

<210> 3496

<211> 1816

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1698)...(0)

<223> similar to gil552275 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3496

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ggagagagtc	tggctttgtc	gcccaggctg	gagtgacgtg	gcgcgatcac	ggatggctgc	180
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catcagcagc	agcgggagct	ggggcacggg	cgtggtgcca	gaggcataca	gacaggtggt	420
gtaagcgtca	atgtccacct	ggcgcatggc	acacacgtgc	tgcatgctgc	aggcctcgtc	480
gcagacccca	gcagagtagc	tgactgagtt	atagacgtag	tagcgctgca	gtgtgctctg	540
gtcgccagcg	atgcggtcca	gcactgtgtg	catggagtgg	gcgctggcgt	ccggcacccc	600
ataggcctcg	gtcagctggt	actcgagctc	ccagcgcggc	gtcccctgag	cattcgctcg	660
gctcagggtt	atgaagtagg	tcaccatgtc	cttcaggctc	agtgtggctc	ggcatatttc	720
gaacaccccg	atggctggat	tgttggtccc	attgaccact	ccaggtaatg	tggttttcca	780
tggggtgact	ccagggtgtg	tgaacatggc	gcttatgggg	acacctgcat	catcatagag	840
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cttccggacc	accttcagg	atttttcatt	gaagccctcc	cggaaaccatg	ccttgttttg	960
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tgctgtcagc	gcattgctgg	tatagtacag	attggtgttg	aggaccacaa	ttcgcccagc	1140



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<210> 3497

<211> 466

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (343)...(146)

<223> similar to gi4519602 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3497

tttgagcctt	tgtagatcac	tagtccatgc	ggtggaattc	ggagggggcg	ccctgcgggtt	60
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gcaggaagtg	ggcaggcgcc	tctagatgaa	atattccctc	ttgtcgtccc	ctcctgactg	180
ccgcctttct	gcattgatga	tggccgtgtc	cgcgtctgga	gcctcgtcgg	agccttttgc	240
ctcatgtgtc	agtggccgag	gaagatgagc	atgatgagca	gcaggaagac	aatgaaagcc	300
acgatcccac	cgatgatggc	gtgtcccgcc	cacttaagga	tattcctgga	agaagatgca	360
gtagctcctt	ctaccaccag	gcgtcagcac	tggaaacaga	cgcagtccaa	caggactccc	420
tctgcctggc	tgttgagcac	aaagcagagg	ggagatcagc	aagata		466

<210> 3498

<211> 3344

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3345)...(677)

<223> similar to gi5689457 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3498

tttttttttt	ttcaaagtac	ataaaaacttt	taatgaatta	actttacaaa	agacaaatgg	60
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gtgacggatg	gcgacgtgct	gctggcatga	gacacacgga	gcagagggac	gagagccgtg	180
gggtcccaacg	ggggcccttg	gacaccactg	gcaatgagac	aatgggtgag	cacagagtcc	240
acgtggggga	cagaatcaac	ttattcacga	atactgtgtg	tttgaatatc	agatgagcag	300
atgcggttgg	cgaggctacc	atattttcca	gaaaagaaca	tgccccagaa	gataatatac	360
acccctagt	tttattgcct	taagaatgtg	tgtgtgtttc	acctttctcc	tctgttagtt	420
ctcccagtgc	ttttcttcta	tcacgcgcgc	tccttttccc	ttttgcttag	gagcaagcac	480
agtgaagtg	gcagaacgat	ctgggcacac	atcagacacc	aaacggtatg	ccactgggtc	540
acgagaacga	gtctgcagag	gctccatagg	acagacagca	cgcacatcaa	aaacaaggga	600
cagaagttgc	agtcagaaag	tgtgtgatac	cttcctgaaa	atacagtctt	cttgccaaaa	660
tgaaggtgac	tcttcaggat	gccacgttgc	tctgggaaag	ggaccttgac	atctctgtgt	720
ttacaaagta	cgtcttcagg	tccccctttc	ctttcacgtt	gattattcct	cgacaggtgc	780
acgtgtatcc	gagggctctg	aggacgaggc	tcgtctcttc	ggtaacctgt	atcttgtcca	840
ggactccggt	gctgtccatc	ctactggcca	cattgacagt	gttgccccag	atatcatatt	900
gtggcttctg	agctccaatc	acaccagcta	tcacaggtcc	atggttaata	ccactcgca	960
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ctggctgggc	acagcgctca	gacctgttgc	tgccatgtat	gtgctgcca	tgggtctaat	1140
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gttctccagc	agcacgcggt	tcaggttctc	catggtctct	atctcctccc	gctctttttt	1440
gaatttgttc	ttccataaga	agtctaacct	acagtaatat	tcattctgtc	taccagaac	1500
aagcagtggt	atgaagaata	tagagagaga	cacagagccc	atggcttcca	ggcttttcca	1560
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gtggccaggg	gcggttggca	atgatccccg	aggacttcaa	aagccacatg	agcaggggag	1980
aggctttttt	gctgcattgc	agaagctgtc	cagcaaagca	gacgaagagg	atgaaggcca	2040
gcaagagaaa	cgcagcccca	aaggagatgc	ccaggacaga	cgtttttggc	agcacgagaa	2100
tctgcacaat	gaagatgcag	aagaatatga	gacaggcaca	agtcacataa	tacttgaacg	2160
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ttctctgaat	gtcttcagac	ttgagccatt	gcttctgtgc	attaatccca	tcaattgctt	2280
gaatcatcct	ttcattcaat	tcttcttcaa	atctcttctt	ttgtgacttg	gttcttaagg	2340
tgcgattttg	aaaattatgc	tgacctatgg	gtacatccgt	ggtgctgatc	ttgccgttct	2400
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ccaagtaccg	ggcatgcgg	accgaggccc	tcattttggc	tccatcaagg	gtgtggcgag	2520
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tcaccagggtg	ctgtttttaa	tatgggtccc	taatgtcacc	atctccctcc	tccactttat	2640
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cacagttctt	ggcatggtta	gggagagata	tagggagtcc	agatacacag	tagtagcagt	2940
ctcctaaaat	tttaattctc	atgcattcat	tctcctttgc	aatttgatca	aactttccaa	3000
agagctcatt	cagcatgtgg	actagtcttc	ccggggagca	gtcacttgcc	agccgggtaa	3060
agccaacgat	gtcagcgat	aagatgctca	cgtttgtatg	ccgcttcaca	tacaggttgt	3120
ggaagttatt	tgtgttctcc	atctggcccc	ccttggggcc	ctgcagcctc	tggatgatct	3180
ccgctttcat	ctccatggcg	atgtggggcg	gcagcaggga	gagcagaagc	cgctcctgtt	3240

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gacgttttttc aaattccaac ttgatccgcg acttgatgca atttacaggt gtcctgatat 3300
gtttgctgaa gagcgaggttc catgaggtgc ttatggtagg ctcc 3344

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<210> 3499
<211> 2891
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(2138)
<223> similar to gi4426597 in the genepept database release 114,
Run with FASTXY 3.3t00; default parameters

```

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<400> 3499
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ctggaggagt ttgaggatga agacctctcg gagatcactg atgagtgtgg catcagctta 180
cagtgcaaag acaccctgtc cttacggccc ccgcgcgcgg ggctgctctc tgcggggcggc 240
ggcggcgcgg ggagccgggt gcaggccgag atgctgcaga tggacctgat cgacgcgacg 300
ggggacactc ccggggccga ggacgacgag gaggacgacg acgaggagcg cgcgggccgg 360
cggccgggag cggggccgcc caaggccgag tccggccagg agccggcgtc ccgcggccag 420
ggccagagcc aaggccagag ccagggcccg ggacgcgggg acacgtaccg gcccaagcgg 480
cccaccacgc tcaacctctt tccgcagggt ccgcgggtctc aggacacact gaataataat 540
tctctgggca aaaagcacag ttggcaggat cgggtgtctc gatcatcctc acccctgaag 600
acaggggagc agacaccacc gcatgaacac atctgcctga gcgatgagct gcccccccag 660
agcggccccg cccccaccac agatcgaggc acctccaccg acagcccttg ccgcgcgacg 720
acagccaccc agatggcacc tccgggtggt ccccggtgtg ccccgactg ggggtcgggg 780
ccactcgcat cgagaccgaa tccactacca gtccgatgtg cgaatagagg ccactgagga 840
gatctacctg accccagtgc agaggccccc ataattatgc agagcccacc tccgccttca 900
taccgcccc agagagccgg atgtcagtca gatttatgtc agaccctgcc gcttaccct 960
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cgccacctcc acgggctct ctgagctcgg acaccagcg cctgtcctat gactctgtca 1140
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ctgcctgcct ctccgaggac tccacgcctg atgaaccga cgtccatttc tccaagaaat 1380
tcctgaacgt ctcatgagt ggccgctccc gtcctccag tgetgagtc ttcgggctgt 1440
tctcctgcat catcaacggg gagagcagg agcagacca ccgggccata ttcaggtttg 1500
tgcctcgaca cgaagacgaa cttgagctgg aagtggatga ccctctgcta gtggagctcc 1560
aggctgaaga ctactggtac gaggcctaca acatgcgcac tggtgcccgg ggtgtctttc 1620
ctgcctatta cgccatcgag gtcaccaagg agccccagca catggcagcc ctggccaaaa 1680
acagtgactg ggtggaccag ttccgggtga agttcctggg ctcagtcagg gttccctatc 1740
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tcaccaagca ccccgccgac caccggtttg cctgccacgt ctttgtgtct gaagactcca 2040
ccaaagccct ggcagagtcg gtggggagag cattccagca gttctacaag cagtttgtgg 2100

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agtacacctg	ccccacagaa	gatattctacc	tggagtagct	gtgcagcccc	gccctctgcg	2160
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gaggaggggc	acctgccacc	gccagaggac	aaggaagtgg	gggccgctgg	cccagggtag	2280
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tacctccct	gccagggctc	gggcgctgtg	gctcctgcct	tgatgaagcc	cgtgtcctgc	2520
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agagccctga	gctcaggctg	agcccagcca	cctcccaagg	actttccagt	gaggaaatgg	2640
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ggaggagctg	ccgcaaggcc	ctgtcccagc	agaagaggga	ggcttcctga	ctgacacagg	2820
ccagccccat	cttggtcctg	tcacctgggc	cccaactatt	aaagtgccat	ttcctgtctg	2880
gaaaaaaaaa	a					2891

<210> 3500

<211> 1062

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6)...(892)

<223> similar to gi4102715 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3500						
gggttaggag	aaagagacag	gtgtatggca	ccgacagcag	gttcagcctc	ttggacaaaa	60
ggttcttaac	caatttcctt	ttcagcacag	ctgtgaagct	ttccacgggc	tgtagtggca	120
ttctcatttc	ccctcagcat	gttctaactg	ctgcccactg	tgttcatgat	ggaaaggact	180
atgtcaaagg	gagtaaaaag	ctaagggtag	ggttgttgaa	gatgaggaat	aaaagtggag	240
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gccgggggtca	gaggattgcc	cgaaggaggg	ccttcctttc	agtggaccgc	ggtcaagaat	420
acccacattc	cgaagggtct	ggcacgagga	ggcatggggg	acgctacctt	ggactatgac	480
tatgctcttc	tggagctgaa	gcgtgctcac	aaaaagaaat	acatggaact	tggaatcagc	540
ccaacgatca	agaaaatgcc	tgggtggaat	atccacttct	caggatttga	taacgatagg	600
gctgatcagt	tgggtctatc	gttttgagct	gtgtccgacg	aatccaatga	tctcctttac	660
caatactgcg	atgctgagtc	gggctccacc	ggttcggggg	tctatctgcg	tctgaaagat	720
ccagacaaaa	agaattggaa	gcgcaaaatc	attgcgggtc	actcagggca	ccagtgggtg	780
gatgtccacg	gggttcagaa	ggactacaac	gttgctgttc	gcatcactcc	cctaaaatac	840
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cctgaaacag	ggcggtgtat	catctaaatc	acagagaaaa	ccagctcttc	ttaccgtagt	960
gagatcactt	cataggttat	gcctggactt	gaactctgtc	aatagcattt	caacattttt	1020
caaaatcagg	agattttcgt	ccattttaaaa	aatgtatagg	tg		1062

<210> 3501  
 <211> 1873  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1789)...(395)  
 <223> similar to gi2662167 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3501

tttttttttt	ttcaccagtt	ttagcatgca	actttattaa	caacatgtaa	ataaaatctc	60
aaaagaatac	acatatcaat	ataaagcaca	gaagtatagc	ttactcagga	tgaatagatt	120
cattatcagg	tcacgttgca	aaaataccta	aaatatctca	atztatatac	tatatagcac	180
aataaaaaatc	agcacatggt	caggatctca	agattaattg	gtatccataa	aatggcctcc	240
ctcaatcaac	atgggaaacc	taaggattgg	atztattaat	taccaatatg	cattgggggtt	300
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caggggtttt	gtcttagtct	caaccatgac	tctagtctta	gttgatctct	ccaccttgat	1800
cacttccctt	gtcacagcca	tagcctccct	gtaggtcact	gtatgtgtcc	tggtcattgc	1860
tccatcacca	gct					1873

<210> 3502  
 <211> 2515  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (31)...(1190)  
 <223> similar to gi3170538 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3502

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ttttccaacc	tttgtttatt	tgtattgatg	ccctttgcct	ttttctttct	ggaatcagaa	180
ggctttgctg	gcctgaaaaa	gggaatccga	gcccgcattt	tagagacttt	gggcatgctt	240
cttcttcttg	cgttactcat	tcttgggata	gtgtgggtag	cttcagcact	cattgacaac	300
gatgccgcaa	gcatggaatc	tttatatgat	ctctgggagt	tctatctacc	ctatttatat	360
tcctgtatat	cattgatggg	atgtttgtta	cttctcttgt	gtacaccagt	tggccttttc	420
tcgtatgttc	acagtgatgg	gtcagttgct	agtgaagcca	acaattcttg	aagacctgga	480
tgaacaaatt	tatatcatta	ccttagagga	agaagcactc	cagagaccga	ctaaatgggc	540
tgtcttcctc	cgggtggaata	caacataatg	gagttggaac	aagaacttga	aaatgtaaag	600
actcttaaga	caaaattaga	gaggcgaaaa	aaggcttcag	catgggaaag	aaatttggtg	660
tatcccgcgtg	ttatggttct	ccttcttatt	gagacatcca	tctcggtcct	cttgggtggt	720
tgtaatatcc	tttgccattt	ggttgatgaa	acagcaatgc	caaaagggaac	aagggggcct	780
ggaataggaa	atgcctctct	ttctacgttt	ggttttgtgg	gagctgcgct	tgaaatcatt	840
ttgattttct	atcttatggg	gtcctctggt	gtcggcttct	atagccttcg	attttttggg	900
aactttactc	ccaagaaaga	tgacacaact	atgacaaaaga	tcattggaaa	ttgtgtgtcc	960
atcttgggtt	tgagctctgc	tctgcctgtg	atgtcgagaa	cactgggaat	cactagattt	1020
gatctacttg	gcgactttgg	aaggtttaat	tggtcgggaa	atctctatat	tgtattatcc	1080
tacaatttgc	tttttgctat	tgtgacaaca	ttgtgtctgg	tcgaaaatt	cacctctgca	1140
gttcgagaag	aacttttcaa	ggccctaggg	cttcataaac	ttcacttacc	aaatacttca	1200
agggattcag	aaacagccaa	gccttctgta	aatgggcctc	agaaagcact	gtgagacgca	1260
cagacggcgt	cttctgccac	caagagaccc	gagaactcca	gattcacgac	attcctgtcc	1320
catgtagaag	catttccatt	caaccgtggc	ccctcttcag	aacctagacc	tatcagtgcc	1380
attttttttt	cataatctac	gaagaacttg	gctatggctg	atctttttta	aatttaactt	1440
tctgatggac	cctgtagttt	ccagctaagt	gcatattcct	tacagacata	tagaacagcg	1500
cattcttctg	tagacatttg	ctcatgtttg	taaatacaat	cacccatatg	aaaaaattgt	1560
tttcacctga	tatgaaaatg	ttagaaaagg	caaactccgg	gacttctaaa	gatttactta	1620
aatcccatta	tgtactttat	tcagaatgta	gaagctgact	tgaaaggcat	ccttgggtact	1680
aagtgaagct	tattcagaaa	atgcattttt	caaatgcaat	gggcaactgc	ttgtagatat	1740
catttttgca	gtgtatgttg	gagctgtaat	ggttgcaatt	atgtttctta	tttccttaaa	1800
agcaaaaagc	gtagtttctg	atztatgtta	tagaatgata	ctgatttagac	tttgagccaa	1860
ggggaaaata	ctaaattctt	ttaaacctgg	agccttagag	agccacagga	atatcttctg	1920
ttgtacagtc	taataagctg	tggtagggaag	tatcatgtaa	tcacagttta	atgacagttt	1980
atgtatatat	ataattcagt	attccctctg	ataacatagt	tgccagtgtt	taatacactt	2040
gtaacttgga	tttttacctt	ataggctata	tgtatactca	gttttttaaa	gcattttttt	2100
cagagatcac	tttaattccc	atgcttctgc	aatgcatata	aaaactataa	atgccgagtg	2160
gtagaaactc	ctctttcttc	atagtcctca	ggctttgggt	acatttgcat	atgccatttg	2220
aagcctccag	cttttaccag	tttaacatcc	aaagttcaca	gcatcagcat	tcatggtgta	2280
agaacagttt	tgcagtataa	cacgatctga	taatcattca	gttattaaat	tgtaataaat	2340
tattgggatg	gtttcttggc	tttaagtcca	ctgaataaaa	actatgaaat	tgcaactctgt	2400
gtcaaccatc	cactagggtg	ggataccgaa	atctgtggca	tgcaaaaata	gggagatggg	2460
gcccatattg	cacacaattt	cgtagttatg	cagtctgcca	ttttaatttg	ttcac	2515

<210> 3503  
 <211> 1087  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1088)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1089)...(518)  
 <223> similar to gi3212996 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3503

tttttttttt	ttcactacaa	agtcctttat	taacaagtca	ataaaaacag	aagagagaga	60
gatgtcaaaa	tactttcctt	ggaggcccca	ggaggagag	gcaactgtcag	gactcacctg	120
gccagggaag	gcaacccac	cagaggcaga	acggaggtca	ggggggcagc	tggcccagga	180
agcctttggg	gaatggctca	ggcctcaggc	agggactgtg	caaacgccga	ggctgcgcag	240
ggagtgatgg	ggtgggggct	taagccccga	gcaccgtgtt	ccccctgcatg	ggcagacacg	300
cagtcaggct	agcacctgcc	cactccacct	gtgagtgtac	acaggtgtcc	gcgtaaaagc	360
cgggtgctgc	acgcagctta	catacagaga	gcggaacgag	ggtccccagc	agaacagggg	420
gctcgttcca	gagcttaagg	aaatagctta	gagaagtctt	tggaagcctg	ggtcgagggg	480
agagcagggg	ggctgctctg	ttgcccattg	gcctcaggaa	gccaggcctt	cctgccgccg	540
ctggaggacc	tcgatgacgc	tgccgatacc	gtcctcgggc	accagggcgt	ggtcgaagtt	600
gaaggtgctg	atgtagtagg	cagagatgtc	agcggcagcc	aggggacctg	caatctgtgc	660
cacgatgcca	cattcatcaa	agcccagggg	ctgtccaccg	atgcgcacca	tcctccacag	720
ctcccccgag	gagctggtea	gcaggaggtc	actggggaac	tttttctgtg	tttcagcatc	780
catgacaatg	gaagatataa	ccctcgatga	gggagaaggc	aaagaacgtg	atggagctgg	840
gttcaggact	gctagaggct	gcctccttgg	gggtgctgtg	cgagtagaag	aggacatcta	900
tgaggggtgt	ggcgatggct	ggaagcgtct	caggggtccag	tgtgaggaca	cagaagcggt	960
tctgtgggct	ctggatggga	tgcaccgtgg	ggctgggccc	atgctgagtg	cggggaaagc	1020
cattgctgga	atcatccctc	gtcacaggca	cnagctctcc	gccactcgc	ggtaaagtgc	1080
gaactcc						1087

<210> 3504  
 <211> 654  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (652)...(242)  
 <223> similar to gi1573605 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 3504
tttttttttt ttggcttgag actgaacgtt ttccatcat ttacaaatc agggatactc      60
gtcccaattg gcagggccca cccaagact gccggcccct agagccctgg ccagggccca      120
ggtctgggag ctgccactgg gaggcctggt gtgagtgggt gtactggagc tcagggtgcc      180
cccagttcct cttccggccc aggtgggtctt caccaggcct acagcagggg gttgagggca      240
agcacccctt tcctgaggat gaggtttccg tagagggccg tctccccgt tgcacaaca      300
gcaaaagcct tcttagcccg ttcataaaac tcaaacctct ctatctttgc cagggtcttc      360
acacagccgg ccctgcgtag gatggactcg tactccgtcc aactgggggt ctgcaggccc      420
ctctccttgt cgctgggcac cagctccatg actgcagccg gactctccac ataggtgtcc      480
aggggcagca gcttcagcac ggctccagg agctgcggga tggcacaggc cgtctgcacc      540
gatctccatg ggccacaac tggcagatgg aggaggcccg ggaagttcaa gtccgaaagg      600
aacgatctcg tccccgtgcc ccatccgcgc ccagcgcgaa agcaatttgg gggg          654

```

```

<210> 3505
<211> 2028
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2029)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (9)...(1045)
<223> similar to gi2764994 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3505
ggcacgagat ttccttagga gcaatttgtg cagtgttgct gggtattatg gggctatttg      60
caactagggtg taaccgcgag aagaaagaca ctagatccta taactgcagg gtggccgaat      120
caacttacca gcaccaccca aaaaggccat cccggcagat tcacaaaggg gacatcacat      180
tggtgcctac cataaatggc actctgcccc tcagatctca tcacagatcg tctccatctt      240
catctcctac cttagaaaga gggcagatgg gcagccggca ggtcacaac agtcaccagt      300
cactcaacag tttggtgaca atctcatcaa accacgtgcc agagaatttc tcattagaac      360
tcaccacgcg cactcctgct gttgagcagg tctctcagct tctttcaatg cttcaccagg      420
ggcaatatca gccaaagacca agttttcgag gaaacaaata ttccaggagc tacagatatg      480
cccttcaaga catggacaaa tttagcttga aagacagtgg ccgtgggtgac agtgaggcag      540
gagacagtga ttatgatttg gggcgagatt ctccaataga taggctgctg ggtgaaggat      600
tcagcgacct gtttctcaca gatggaagaa ttccagcagc tatgagactc tgcacggagg      660
agtgcagggg cctgggacac tctgaccagt gctggatgcc accactgccc tcaccgtctt      720
ctgattatag gagtaacatg ttcattccag gggaagaatt cccaacgcaa cccagcagc      780
agcatccaca tcagagtctt gaggatgacg ctcagcctgc agattccggt gaaaagaaga      840
agagtttttc cacctttgga aaggactccc caaacgatga ggacactggg ggataccagc      900
acatcatctc tgctctcgga aatgagcagt gtgttccagc gtctcttacc gccttcctg      960
gacacctatt ctgaatgcag tgagggtgat cgttccaact ccctggagcg caggaaggga      1020
cccttgccag ccaaaactgt ggggttaccca cagggggtag cggcatgggc agccagtacg      1080
cattttcaaa atcccaccac caactgtggg ccgccacttg gaactcactc cagtgtgcag      1140

```



ccttcttcaa	aatggctgcc	agccatggag	gagatccctg	aaaattatga	ggaagatgat	1200
tttgacaatg	tgctcaacca	cctcaatgat	gggaaacacg	aactcatgga	tgccagtga	1260
ctggtggcag	agattaacaa	actgcttcaa	gatgtccgcc	agagctagga	gatttttagcg	1320
aagcattttt	gtttccatgt	atatggaaat	agggaacaac	aacaacaaca	aaaaaccctg	1380
aaagaactgg	caitggcaaaa	tagttgcatt	tatcataaat	gtgtctgtgt	atattgaata	1440
ttaaatactg	tattttcgta	tgtacacaat	gcaagtgtga	ttattttaat	ctgtatttta	1500
aaaatacatt	tgtaccttat	atttatgtgt	aatttaacaa	acaaatttta	tttttttact	1560
cccatgacag	acatgttttt	cctagtcgtg	tagaaactag	ccactgttca	aatctgatac	1620
actattcaac	cacaaagtgt	aaaggcactg	cttagattag	ttttgttggg	gaagaattat	1680
tatgttgtat	ggacaacccc	actgaagcat	ttatacaatt	cttaattcca	ttaagtgatc	1740
ccactttttt	tcaataactt	tttagaaatt	aaggaatcat	taaaattggt	aaggctattt	1800
tattgttatt	ttctctactt	tctactagcc	ccaatagttg	gaactcttat	aggggaaaat	1860
cggaaagata	aagtggaaag	gtttattttca	ggactgagga	aatatcttga	agggtatttta	1920
ttaggatgga	ctatctccaa	atggaacttt	tttattagga	cantgatgga	aaacaggaac	1980
caaaagtcca	atgtttncct	gactcccagg	gcccctacta	tttccagg		2028

<210> 3506

<211> 1151

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (824)...(170)

<223> similar to gi3878737 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3506

tttttttttt	ttgaagatcg	cacactttat	tttgaaaacc	aggccaggga	cagctccagt	60
ttgggggggag	gggaagagat	tataactttt	aaatctacta	cgaaaataca	aaaagaggaa	120
tgtgacaggg	ttccttcctg	tgttatgtca	ccgtctgtaa	tcagatccca	cagtcagcc	180
cagaatcata	attcacataa	cagcgaaact	catttgccaa	gttccgggtg	tgtcttggga	240
acaaacgtgc	acatcttcac	tccaaggagt	tctgctgcct	gttcttccat	gatggcacct	300
gtgccacagc	agaatcttgc	cccgcgtcag	gtacttgacg	gtttccgatg	tttttctgag	360
acattcctcc	gaaagatagg	gaggatctgc	tattacgatg	tcaaaactat	gtgcagcaat	420
tctttcgggt	aagtccaatg	gattattgta	atcatagaaa	ataaactcct	ctccatacat	480
ggcaaactctt	ttgtcatatt	caaagatgta	tatcgaaaag	ttttctctgc	acagctctct	540
gagtttcttg	taaacactag	gggcactcac	acatgcgatt	ctgccacctt	ctcctacagc	600
tgcaattgcc	tcctgtgcca	gctgcagagc	agtttcttga	ctataccaaa	actggctcag	660
ttgccaattc	tcttctatta	ttccaatggt	atatttatca	tcctcgcctg	gctcaatttg	720
ttgcttttgc	tcagcataaa	attcctggag	agctgctaag	gcatgggcag	aaagctgggg	780
tgtctcatca	tcttccaaat	cactcatttc	acaagttggt	tataaccag	gtgtggtggc	840
aggcacctat	agcgcagct	actcaggagg	ctgagacagg	agaatcgctt	gaaccagga	900
gatggagggt	gcagtcagct	gagatctcgc	cattgcactc	cagcctgaat	gacaggagt	960
agacagccgc	gcgtgcgcac	ccacgcgtcc	gcggacgcgt	gggctggcct	ccgttgcaac	1020
tgttttgacc	tagtgaaggc	ctagactttc	tcagacagat	ttcttttaac	tcttctgccc	1080
tgactccagt	cttcaactggg	atgctgcctt	gcacttgagg	aatgtgaacc	ttccctaagc	1140
ggacgcgtgg	g					1151

<210> 3507  
 <211> 2249  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1319)  
 <223> similar to gi5262640 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3507

cccagcgcgc	cggaagtgat	ctgtggcggc	tgtgtgcagag	ccgccaggag	gaggggtggat	60
ctccccagag	caaagcgctg	gagtcctcct	cctccttctc	ctcctcctcc	tcctcctcct	120
ccagccgcgc	aggctcccc	gccaccgctc	agactcctcc	ttcgaccgct	cccggcgcg	180
ggccttccag	gcgacaagga	ccgagtagcc	tccggccgga	gccacgcagc	cgcggttcc	240
ggagccctcg	gggcgccgga	ctggctcgcg	gtgcaggtaa	agctccagat	ggctctggaa	300
cttatgagga	aagagttgga	ggacgccttg	actcaggagg	ccaacgtggg	gaaaaagact	360
gtcatttgga	aggagaaagt	ggaaatgcag	aggcagcgct	tcagattgga	gtttgagaag	420
catcgtggct	ttctggccca	ggaggagcaa	cggcagctga	ggcggctgga	ggcggaggag	480
cgagcgacgc	tgcagagact	gcgggagagc	aagagccggc	tggtccagca	gagcaaggcc	540
ctgaaggagc	tggcggatga	gctgcaggag	aggtgccagc	gcccgccct	gggtctgctg	600
gaggggtgta	gaggagtcct	gagcagaagt	aaggctgtca	caaggctgga	agcagagaac	660
atccccatgg	aactgaagac	agcatgctgc	atccctggga	ggaggagct	cttaaggag	720
ttccaagtgg	atgtaaagct	ggatcccgcc	acggcgccac	cgagtctgct	cttgaccgcc	780
gacctgcgca	gtgtgcagga	tggagaacca	tggagggatg	tccccaaaca	ccctgagcga	840
tttgacacat	ggcctgcat	cctgggtttg	cagagcttct	catcaggagg	gcattactgg	900
gaggttctgg	tgggagaagg	agcagagtgg	ggtttagggg	tctgtcaaga	cacactgcc	960
agaaaggggg	aaaccacgcc	atctcctgag	aatgggtct	gggcctgtg	gctgctgaaa	1020
gggaatgagt	acatggtcct	tgcctcccca	tcagtgcctc	ttctccaact	ggaaagtcct	1080
cgctgcattg	ggattttctt	ggactatgaa	gccggtgaaa	tttcattcta	caatgtcaca	1140
gatggatcct	atatctacac	attcaaccaa	ctcttctctg	gtcttctctg	gccttacttt	1200
ttcatctgtg	atgcaactcc	tcttatcttg	ccaccacga	caatagcagg	gtcaggaaat	1260
tggggcatcc	aggggatcat	ttagatcctg	cttctgatgt	aagagatgat	catctctaaa	1320
attctgttcc	caagatgcag	tcttagcgta	gcgaacgttc	ctggagtggg	gtgaaggata	1380
tcaataact	aagttttaac	cagatacccc	atttaggtca	gcacttgatt	cgttgttgct	1440
gtgaaatag	tccatgggac	aaaagaggga	atatgaaata	tttgcataatg	ggaagattat	1500
agagcataat	aattttgtaa	atggagcaat	ctcaacctct	atttctagat	cacattttct	1560
tgatgtcttc	cttcaaatta	atgaccttgg	attacataag	gatttctatg	cattcattat	1620
aatttggtat	tcctttcaat	atccttgtat	ttcaaatctt	ccatataaga	attagacatg	1680
gcaattctta	aattgattca	gaatgggtctg	atactattcc	agtatcacct	ccttaattct	1740
gtttctcttc	gttttctga	ttttccttct	cattctctcc	ttccccgctc	tgtctctctc	1800
tcctgtcac	tctctctctc	tcttctctta	tttttgggtt	cttacctctt	actgtttaac	1860
ctgttgcttc	cttctggatt	aatacattta	gagccattcc	tttatatggg	cacatttct	1920
atgactttac	tcaattactt	ttaaaatcct	ttctattctg	agactaattt	ttaagaatta	1980
caaagctcat	tcttctgaat	ctaataatc	taactcctag	actttttccg	ttttctttgg	2040
atacacttta	agtaggaatt	tatcagaatt	ttcattcaac	tcttcttta	atgcagatat	2100
ttactagtta	taagacctta	aggctgggtg	cagtggctca	cgctgtaat	cccagcactt	2160
tgggaggctg	aggcgggtgg	atcacaagct	caggagttca	agaccagcct	ggccaacatg	2220
gtgaaaccct	gtctctacta	aaaaaaaa				2249

<210> 3508  
 <211> 2128  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2129)...(847)  
 <223> similar to gi4929567 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3508  
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 tgccttattt tagggcttcc atgtaaaacc tagttaaaat acaaaaagta aattagagaa 120  
 aaattctgct taggtagtga aaattgatag caacttataa gctgtatcct taaaaacctt 180  
 gtcacagata tagaattacg taaagataaa atgataagcc tacttattgg caagaaacag 240  
 gttaggccac ttaagcagca tgtttctacc actatacaaa tacatcggca ggtccaaaca 300  
 ttaaaccacc attcgattga caacctttta tttttcaact taggtaacag tccaaaatca 360  
 gtgtagattg gcgaaaaact aggcaaaaat agcaaaaagt gcagtttaat ttagcaaagg 420  
 ctcaagacag tatgtggaag gaagggtgaga tttccctcct actgcggcaa ggcaagcggc 480  
 agttactgcc cgacagtaac gatggtgtgc gcacccccga tgagaatgct gctgcaacac 540  
 agactgggac gccgcctccc ccattagacc tgccagctca ttcgtgaaaa tctaccagga 600  
 acacatcaat gaaaaaaata tgtcaaatat gagttctctg ttataagcaa taaaatcaca 660  
 aaatcaactc agatttgaaa tttagggtaa gctaggacaa tttcctactt tttaatatat 720  
 agatatttta gatttgacaa tcgtttccac atacactcag acaggcttac agaagaattt 780  
 caaatatcaa atagagaagc tgtaattca cgcacgttat gacttcagtt aattcttcca 840  
 gtgttttagac ttcagagctg ctaataacac taaactcaat accgtgtttg ttgagtctgt 900  
 caatcaactt tgttttgga aaagctgctc cagggtgtgaa gaccccgccc gccttaggca 960  
 gatgagaagc atcacttaga agagtcattg ctgcctgaac catagctatg ggggtagcca 1020  
 catagccagc ctctggctct ttcacctgag tacaaatttt gatatttggt ttgttcttat 1080  
 ctgtaccagt gccttggtctg tatccttgac caaagaatgt cagcgtgaat gaggcagcat 1140  
 caatctgttt ttgtgttggg ccttggtttt aaaaatagcc aaaggagaag aaccatggga 1200  
 attttatgag aagttgcctt ccaattccaa acctcacaaa gaacaaaag aaaagtcctg 1260  
 caaacatcag cttaataaca gaggtgatgc ctcccacagt tacatacgca gcatactgaa 1320  
 ctggtgattc ctctaaattt tcatacaagt aacgttgagt cctccttaca acagacacat 1380  
 cagatcccat aaaaggaatg gaataacctt tgagttcccg acaataagaa attggccacc 1440  
 ttctcttcaa ttttgacca atgagcggga caggtttcag atttgataca tttcttagtt 1500  
 ttctcaaatt actctgatct ccaaaacat aaattgctga cttccaggta ccatcatgaa 1560  
 tgctcaaccc ctccaggtcct gaatgtatag tcaggaaact ttccacagca gtcaaagtac 1620  
 cattcatttt atttctggta tatattactc ccagatctgc tggaaatggag tcaaagccgc 1680  
 tgcttccaat gatataaacc cctttgtctg cagctttctc atgatacttc agttgcatta 1740  
 gttccagaaa ctgaggttct ccactgatgt cgatacaact ggctccattt tcaatacatg 1800  
 cttttattac aggttctcca taaaaccgat atggctctac gcaattgagg acaactgttg 1860  
 cctgttttagc catttcatca agcgaggctg gattagcaat atcacagatg atgattccaa 1920  
 cttcagatga cagtgttggg cttcccagct tcagggccgc cttctccagc acccgctgca 1980  
 gcttctcccg ggagcggccc gccacggccc agggcaggcg ggagctccgc tccgggtcca 2040  
 cctgctcccg ggccacctcc tcggtcacga actggccggg gaagccagac gcgccgaaca 2100  
 ccaccaggtg gaaaggcctc tgctcggg 2128

<210> 3509  
 <211> 1521  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1448)...(888)  
 <223> similar to gil669601 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3509

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gattttgttt	aattatatac	ataaaggtaa	gaggcctttt	cacagggtatt	aattaagttt	300
aaaaataacc	gccatccaac	acaaaatagt	atttcttggt	atatttcata	aacagtctaa	360
caaaacacta	acaaagtatt	tttgcttatt	attctgatgc	tggaataatt	tggtcaaata	420
ttcataaata	gttatcaact	ttaccaaggc	acaaaaatca	agaatacatg	ctttctataa	480
actcatttac	tactttaaag	ttttaactg	tttagcagtt	ataggaaatt	ttttaatcg	540
aaaagaaacc	tatttacatt	tcaaatacaa	aagaaaatta	aaattattct	tgattgatct	600
ctaaaaccca	accacttaga	tgctcattat	tattattttc	tttcaccaat	ccagtatact	660
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gtcagggttaa	ctttgctgtg	tagattctgt	gtagctacct	gaattcgccc	aagaaaaagt	780
ctcacatttt	ttggaaaacc	aatgctgcta	cactgtttcc	agatctgcct	ccaaagctga	840
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cttccttggt	ccaattacat	gacgttatta	gaaaaaaagc	cttttacttt	caacaccctg	960
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aaaaagtctt	ctacctttaa	cttaatgtta	gataaacctt	ctttttctat	aatacttcca	1140
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gcaagttcaa	ccaggaaaac	accatttcca	gttccaatat	caagcactga	agcatccagt	1260
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cacgtcctgg	acggccgttg	g				1521

<210> 3510  
 <211> 1929  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1932)...(276)

<223> similar to gil354050 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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gtccggagggt gctgggtaaa acacatcaca ggtaagaaat gggaaaccta cctcagcatt 180
tctgaaaggc acaatctatg gaagggaac ctagcgtaat aaaaccctca ctggatgtac 240
atggaaagga gtatggtgag ctatttcctt tttaaaggat gagaccttca taaattggcc 300
cctcggattc tgggtgattcc cgccgcaagc gcaaagtctc cagtgtgtta tgaaaatggt 360
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ggataagctg gtttaaaacc tgaattgtta ccgcatcatt ttctttttca taaaaataga 480
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ggccctgatc aggtttcttt agaagtttgg atgcagcaag ggcacactga gtcctcagag 720
gttcatgatt ctcttcactg aagcacttca tcctttcaaa agtgccaatg atcaagggtga 780
tggcagctag ctgtgctttg gaatcgctga tttcatcttc atacagagaa aatgcctggg 840
acatgaattc atatgcgact gtctcatgat tttcaaaacc aatttcccca gcagctagtg 900
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tgtcaactgg tattttcaaa agtctggtga gttcctttga aactgcacta ctggtagcaa 1500
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agtcacacg atcagggtaa catttcatgg caagattaat cagagagact tgtaaagata 1620
caacatctc tgaaggcatg tcttgtctag actgtatcac tgtagccacc tgctgtgaaa 1680
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aagctaattc atcaattaaa gcaatgatta tgttcttcac atttacattc tgggtgtaact 1800
cagcacaggc ccgaagaaaa ggattcaaa tctggagggt aaattcatca gggaaaacct 1860
gaataataca ctccatgaga tattcttgag ccaaagcatc cctacagttt acaacttgct 1920
ccaatatgc 1929

```

<210> 3511

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (859)...(104)

<223> similar to gil654000 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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tgttgggtgc tcttggggaa aggctgcggg cccagccaga gctgcagcag gatgacggca 180
tggcatatgt gcagggcagc agagctgcag gatgtggaag ggtatgtgtt ccaggagagc 240
tcgatgagcc ccagcaccaa caacctgagc aggtgtgtga gccagcgtgc aggcattggcc 300
cacaggaggt agggcagtgt gtggaaatac cagacgtaga actggtagtg gagggagcgg 360
ctgaagcaga tgccaatgaa gttggagggt aagagggtag aaacgatctg gttgggtgta 420
aggggctggg gtggaacctt ctttttggag ggatccctca gcagcgacaa gatactttcc 480
cctgtcctgt gccacctgca gagggcaaac agcaggagca gggtagagggt ggcagtcaac 540
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gggagggccc cacggaagcc aaactgtgtg aggagaagaa acagtaaccc aggggcgaag 780
agcagcacat tcatcttcac agagactgcc aggtgaaaa agcagcaagc cccagcccca 840
gcgctggggc agcaggag
858

```

<210> 3512

<211> 2613

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2) ... (2167)

<223> similar to gi4768829 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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gcaacatgga gctaattgca atattcaaga tgcagttttt ttcactccat tgcattttgc 180
agcgtactat ggacatgaac aggttaactcg ccttcttttg aaatttggtg ctgatgtaaa 240
tgtaagtggg gaagttggag atagaccctt ccacctagca tctgcaaaag gattcttgaa 300
tattgcaaaa ctcttgatgg aagaaggcag caaagcagat gtgaatgctc aagataatga 360
agaccatgtc cactccatt tctgttctcg atttggacac catgatatag ttaagtatct 420
gctgcaaaag gatttggagg ttcaacctca tggtgttaat atctatggag atacccctt 480
acacctggca tgctacaatg gcaaatgtga agttgccaag gaaatcatcc aaatatcagg 540
aacagaaaag ctgactaagg aaaacatctt cagtgaaca gcttttcata gtgctgtgac 600
ctatggcaag agcattgacc tagtcaaatt tcttcttgat cagaatgtca taaacatcaa 660
ccaccaagga agggatgggg acactggatt acactctgct tgctaccacg gtcacattcg 720
cctgggttcag ttcttactgg ataattggagc tgatatgaat ctagtggctt gtgatcccag 780
caggtctagt ggtgaaaaag atgagcagac atgtttgatg tgggcttatg aaaaagggca 840
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acatttccat cttcagctct cagaaattga gttccatgag attattggct caggttcttt 1080
tgggaaagta tataaaggac gatgcagaaa taaaatagtg gctataaaac gttatcgagc 1140

```

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cagtttgcac	ttgtcaactca	atacatatca	gggggtttctc	tgttctccct	ccttcatgag	1320
cagaagagga	ttcttgattt	gcagtctaaa	ttaattattg	cagtagatgt	tgccaaaggc	1380
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cagtctctgg	atgaagacaa	catgacaaaa	caacctggga	acctccgttg	gatggctcct	1560
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<210> 3513

<211> 5264

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5265)...(155)

<223> similar to gi3015538 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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cggccggggc	gggccccggc	gggacggggg	ctgtacacac	aagtgtctgg	ggctcggggc	240
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<210> 3514

<211> 3376

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(2332)

<223> similar to gi3043740 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3514

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gaaaaaggta	aagtta					3376

<210> 3515

<211> 1824

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (17)...(1309)

<223> similar to gi414115 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

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ctggcacagg cctgcctccc cctgccccag cccaggggcca ggccacactc tgcctccaaa 180
gccaccgtcc ccccagggca ccaactgcac ccccaagggg cgggttcgga ggaaggagga 240
ggcaaaggag agccccagcg ccgcaaggcc cgaggacaag agccagagca agcgcagggc 300
cagtaacgag aaggagtcag cagccccagc ctccaccgga ccttcgccgg cgccctcgcc 360
caccagcccg ccgccccaga aggagcagcc ccccgcgagg acccctacag acgctgctgt 420
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<210> 3516

<211> 1992

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1993)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1995)...(154)

<223> similar to gi2988397 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3516

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tcattcagaa	agtatgtatt	tccagaacac	tcagtagtaa	ggccgtctgg	gattgttcag	180
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actccttgta	ctctgagtag	tcaggctcac	ggccctcctt	caggggcctt	gaaggctctc	480
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cctggtgaag	gatgttcatt	ttcatttttc	cagatttagg	gggagcaacc	ccaaaccacc	1980
ggttagcctt	tc					1992

<210> 3517

<211> 1960

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1962)...(1307)

<223> similar to gil510143 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3517

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gaatgaaaac	tacatttcaa	tcataaat	ttcatgctac	attgttattt	aatgaagagg	180
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cgattttgca	cccagactta	agtttctctg	aatactccat			1960

<210> 3518

<211> 1031

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (940)...(426)

<223> similar to gi2228750 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3518

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tgtacagtca	tctcagctct	aacaacccca	gttcttcttt	caattctcct	ttctcccttc	180
atacaattga	gatgtttgtc	ctttgcactt	tccccaagat	agcaaagggtg	atacaaatgt	240
ggaaggaggg	gaagtgtaga	aaataaactg	tcatcatcct	ctattcccat	ctccagggaa	300
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tacagttact	ctctgtatcc	taaagaaaga	cacgaggggc	cagagtcctt	cttcagtata	420
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<210> 3519

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (731)...(55)

<223> similar to gi673456 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3519

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aggatttcaa	cttacattta	gcttcttgat	aggaggcaga	catacactta	gctgcatgat	180
atgtaccagc	ttcaagtaat	tcttttttag	cttctttggc	aagcaggtta	aaccgactta	240
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aattcagact	cagaaattta	tattccaagt	tcatttgaag	gggatatgca	gaggggtacta	420
aactaatatg	aggtctgttg	actaagtaaa	acattggaag	ttttgaagtg	agtgcacat	480
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caagcacttc	ccatctggtc	aatttgtcac	ttgaggacat	actgcttatt	ctattaacac	660
catcttttag	acagtaaaca	gtcagataaa	ttttgccttc	aacagccacg	tggagacaga	720
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<210> 3520

<211> 1815

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(1815)

<223> similar to gi4529897 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3520

acctccaggc	tgcaaaactg	gcccttctag	cctccatcca	ggccttcage	cttctgcgaa	60
gccgcctggg	agacagggat	ttctccaggc	tgctggacat	caccccagcc	tccagcctga	120
gctttgtcct	ggacaccacg	ggcagcatgg	gtgaggagat	caacgctgcc	aaaatccagg	180
ctcgccacct	tgtggagcag	cggagaggca	gccccatgga	gcctgtccac	tatgtcctgg	240
tgctttttca	tgacccaggg	ttcggccctg	tctttacaac	cagtgaacct	gacagcttct	300
ggcaacagct	taatgagatc	catgccttgg	gggggtggaga	cgagcctgag	atgtgcctgt	360
cagccctgca	gctggccctg	ctgcacacac	ctccactctc	agatatcttt	gtcttcacgg	420
atgcctcccc	caaggatgcc	tttctcacca	accaggtgga	atccctgact	caggagcggc	480
gctgccgggt	aacattcctg	gtgactgaag	atacatcaag	ggttcagggt	cgagctcggc	540
gtgagatctt	gtccctctg	cgttttgagc	catacaaagc	agtggccctg	gcctcaggag	600
gagaggtgat	cttcacaaa	gaccagcaca	ttcgagacgt	ggcagccatt	gttggggaga	660
gcatggctgc	cctggtgact	cttccctctg	accctcctgt	tgtggtgcct	gggcagccac	720
ttgtgttcag	cgtggatggg	ctgctccaga	agatcacagt	ccggatccac	ggagacatca	780
gcagcttctg	gatcaagaac	cctgcagggg	tctcccaggg	ccaggagaag	cgggggtcct	840
ctagtcacac	tcgccgcttt	gggcagttct	ggatggtgac	catggatgac	cctccacaga	900
caggaacctg	ggagatccag	gtcacagctg	aggacacccc	tggggtgaga	gtgcaagccc	960
agacctccct	ggacttcctc	ttccactttg	ggatcccat	ggaggatgga	ccccacctg	1020
gcctctaccc	cctgactcag	ccagttgcag	gtcttcagac	ccagctgctg	gtagaagtga	1080
caggggttggg	ttccagagcc	aatcctgggg	atcctcagcc	gcatttctcc	cacgtcatcc	1140
ttcgaggggt	cccagagggg	gccgaactag	gccaggtgcc	cttgagccc	gtgggacctc	1200
cggagcgagg	tctcctcgca	gcctcgctgt	cgccacgct	gctgtccacc	cctagacct	1260
tctccctgga	gctgattggc	caggacgcag	cggggcgggc	cctgcacagg	gctgcccctc	1320
agcctagcac	tgtagtcctt	gtccttcttg	agcttagtg	cccctcgggt	ttcttgcccc	1380
cgggcagcaa	agtcccgcct	agtctccgca	tcgccagctt	ctcgggccct	caggatcttg	1440
accttaggac	tttcgtcaac	cccagcttct	ccctcacctc	caacctctcc	agggctcacc	1500
tggaactgaa	tgagtcggcc	tggggccgcc	tgtggctgga	ggtcccagat	tcagcggccc	1560
cggattccgt	ggtgatgggt	actgtgactg	cagggggacg	agaagccaac	ccagtacccc	1620
cgactcatgc	tttcctccgg	ctcctggtat	cggccccagc	cccgcaggac	cggcacacca	1680
cccctaccgg	ctcatctgac	ccgatcctca	ccacggccac	ccctgccttt	tcccccttca	1740
cattggtgac	tcaaggcagg	gctggggcag	ggctggctgc	gggcagcccc	tggtggggca	1800
cagttggagg	ggtgc					1815

<210> 3521

<211> 1811

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1737)...(855)

<223> similar to gi3387971 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3521

tttttttttt	tttatatata	aaactgcttt	attaaaaagt	cagctattag	gaaaacaaag	60
cccttacaag	ggttctatca	aaaagtacaa	attttaaata	aatgcatcag	aaaaatggca	120
gccagatata	ccagccacag	tcacaacctc	aaaggccttg	tggggaagga	agggagaatt	180
agggaggagg	ttccgagaac	tcaaggaaga	ggctgggcac	agagggctct	tgggtgcctg	240
cagagctggg	tcctggagct	accaggcaag	aaccctgctt	ccgttttcc	ttccttggaa	300
aaatgtaaag	aactggcagg	tgtaggaaat	tttgagactg	gagcagaaag	gcacaaaagt	360
catttataag	gtatgattgc	tactctagt	cctgaggcac	atggggtgga	taaatggggg	420
atcagagcca	cagggtccct	ggctctggte	atgcttgccc	ctggctggta	ccatctctga	480
gtttggccac	agggttaaatt	aaggtagacc	aagtggactg	cataatcctg	gcagcccggg	540
gtctggagcc	agtctttaga	tcagatgtgt	tgcttcattg	gcaaactggg	gtctgcccc	600
caagagatcc	ccccaatgag	gagcagcagg	tctcctgect	agccctgtcc	tctgagtcac	660
tgtgggtgcc	cacctggac	aaggaacttc	tgagggcagt	ctctgccatc	caggatcctg	720
agaagcccca	agccccagag	ccagagtttc	tccgaatgac	aggcagaagc	acagaaagct	780
ggcgttgaaa	ccagtcccca	ccagctgctg	gccccacacc	catggctact	gctgacacgc	840
ctccttggtg	acattaggca	gtgggtaggc	aaagaggagg	aagtccagga	tatacttagg	900
cagcacatcc	tgcagcaggg	cccggggggc	actgcacaag	tggtaatgca	ggctttcggg	960
gctggctggc	cgggtaccagg	cctggcgagc	tggaaatcgg	acgtgagggtg	gtgcccgtac	1020
ccactccagc	acctgatttg	catcagcctc	cagcctctca	taggagccca	caaagtcata	1080
gtgcacggca	caaggctggc	acaggtggta	cacgggcac	caatgctcat	tcatgcgctc	1140
agggctctca	tccaccaggt	atctcaggaa	ctcggggaat	gtgacatcgt	cgctgcagg	1200
gctgggcccc	gtccagccc	tgtaccgect	cactatctca	gccccatagc	gttgctggta	1260
ctctcgatc	tcgccaaact	tgttgcggtg	ggcagagagg	aggcggtcca	agggtccccg	1320
cacaaacagg	aacttaaagt	agtgtgcag	gcggtagcga	atctcctcag	gccgcaggtc	1380
ggccaggaac	accaggtcac	tgcggtggtc	catcttgagg	cggacgtcca	cgctgtccag	1440
gacgcctgcc	agcaccttca	tcaccgctt	ccagttagag	caggccacct	tggggacgta	1500
gcagtagagg	aagcggtaac	ggtcacttac	gaggtatgtg	cgcagcaggg	tgcgcgctg	1560
ccccaccggc	aagtccagg	ggccccggg	catgcctggc	tgtccgcaca	ccgcccgcag	1620
ggctctgttc	cggacgtcct	gccgcacttg	caagtccg	tccccagccc	tgagggacag	1680
gcccccaggc	ttgggggctt	tcccgcgcca	ggctgtgccc	tcgcggccgg	gcggtgcag	1740
gggcaggggc	ttcttctcgg	ccaggatgcc	ccgctcgatt	atgagcagca	gcccgtgga	1800
ggccacgatc	t					1811

<210> 3522

<211> 1522

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (51)...(1377)

<223> similar to gi4580995 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3522

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cctcggtcgg	ctgtccgcgc	tcctcgccca	gcccctactg	cgcgcccgtc	ctctacggg	120
gcctgctgct	actcggcctg	gccgccagct	ccgtgcggag	caacctcacc	tccttcgggtg	180
ccgaccaggt	gatggatctc	ggccgcgacg	ccaccgcgcg	cttcttcaac	tggttttact	240



ggagcatcaa	cctgggtgct	gtgctgtcgc	tgctgggtggt	ggcgtttatt	cagcagaaca	300
tcagcttcc	gctgggttac	agcatccctg	tgggctgtgt	gggcctggca	tttttcatct	360
tctcttttgc	cacccccgtc	ttcatcacca	agccccgat	gggcagccaa	gtgtcctcta	420
tgcttaagct	cgtcttccaa	aactgtgtgc	cccagctgtg	gcaacgacac	tcggccagag	480
accgtcaatg	tgcccgctg	ctggccgacg	agaggtctcc	ccagccaggg	gcttccccgc	540
aagaggacat	cgccaacttc	caggtgtgtg	tgaagatott	gcccgtcatg	gtgaccctgg	600
tgccctactg	gatggtctac	ttccagatgc	agtccacct	tgctctgcag	ggtcttcacc	660
tccacatccc	aaacattttc	ccagccaacc	eggccaacat	ctctgtggcc	ctgagagccc	720
agggcagcag	ctacacgatc	ccggaagcct	ggctcctcct	ggccaatggt	gtggtggtgc	780
tgattctggt	ccctctgaag	gaccgcttga	tcgacccttt	actgctgcgg	tgcaagctgc	840
ttccctctgc	tctgcagaag	atggcgctgg	ggatgttctt	tggttttacc	tccgtcattg	900
tggcaggagt	cctgggagat	ggagcgctta	cactacatcc	accacaacga	gaccgtgtcc	960
cagcagattg	ggggaggtcc	tgtacaacgc	ggcaccactg	tccatctggt	ggcagatccc	1020
tcagtacctg	ctcattggga	tcagtgaat	ctttgccagc	atcccaggcc	tggagtgtgc	1080
ctactcagag	gccccgcgct	ccatgcaggg	cgccatcatg	ggcatcttct	tctgctgtc	1140
gggggtgggc	tactgttgg	gtccagcct	agtggcactg	ctgtccttgc	ccgggggctg	1200
gctgcactgc	ccaaggact	ttgggaacat	caacaattgc	cggatggacc	tctacttctt	1260
cctgctggct	ggcattcagg	ccgtcacggc	tctcctatct	gtctggatcg	ctggacgcta	1320
tgagagggcg	tcccagggcc	cagcctccca	cagccgtttc	agcagggaca	ggggctgaac	1380
agggcctatt	ccagccccct	tgcttcactc	taccggacag	acggcagcag	tcccagctct	1440
ggtttccttc	tcgggtttat	tctgttagaa	tgaatggtt	cccataaata	aggggcatga	1500
gcccttcttc	acgaaaaaaa	aa				1522

<210> 3523

<211> 961

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5)...(434)

<223> similar to gi5726306 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3523

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ctggggtcac	cagggcccgc	agctgtcac	gcgggtcttc	aagaagtgg	gttccatccg	120
cagcctggcc	gagagccgcg	cctgccgcgg	cgtcaccacc	ctgccccctg	aggccttcta	180
ccccatcccc	tggcaggact	ggaagaagta	ctttgaggac	atcaaccggg	aggagctgcc	240
gcggctgctc	agtgccacct	atgctgtcca	cgtgtggaac	aagaagagcc	agggcacgcg	300
gttcgaggcc	acatccaggg	cactgtggc	ccagctgcat	gcccgtact	gccccacgac	360
gcacgaggcc	atgaaaatgt	acttgtgagg	ggcccgcag	gtcacctccc	caacctgctc	420
ctgatggggc	actggggcgc	ccttcccggg	gaggcaagat	tgaggggccg	ggagagggag	480
gcccagagctg	ccaccgggct	taggcaggct	gttgaggagc	tgtgggagca	ggcccagtgg	540
gaggctgtgg	acacccccgag	gacagtgtcc	tgtctcgagg	cagggctgac	acatggtgcc	600
atagccagcg	gagggcgctc	agtgagtgcc	ccgggccttc	tagacaacag	gcaggaagga	660
tgaacctcag	ggcaccceca	ggtggtgcgg	aaagccaggc	agttgggaca	gaggtgccca	720
cgagggcaga	ggccggtgct	aaggggatgg	ggaagaaggg	acaagattcc	cagagaggag	780
aggaggctgt	tggtaggaaa	gtggcagggc	tgggggagac	ccagcctcca	aggtccgggg	840
cggatgatgc	tctgttcttt	tctggttttg	gttcctcttt	cctggggggg	ggaggaggtc	900

attccgccac tggcttttgc actatgccat ataacgccat cctgggtctag gacctctttt 960  
g 961

<210> 3524  
<211> 1944  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (3)...(732)  
<223> similar to gil644455 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3524

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cacccctccc	tgcatctgga	ttcttttttg	catccatgtc	agaagacaat	cgccctttaa	120
ctggacttgc	agctgcaatt	gccggagcaa	aacttaggaa	agtgtcacgg	atggaggata	180
cctctttccc	aagtggaggg	aatgctattg	gtgtgaactc	cgctcatct	aaaacagata	240
caggccgtgg	aaatggaccc	cttcctttag	ggggtagtgg	tttaatggag	gaaatgagtg	300
ccctgcttgg	gccaggagga	gaagaattgc	tgaaaaggga	tcaacattag	aaacagaaca	360
aaaagaggac	acaggtgaag	attcagagcc	tgtaacttct	aaggcctctt	caacaagtac	420
acctgaacca	acaagaaaac	cttgggaaag	aacaaataca	atgaatggca	gcaagtcacc	480
tgttatctcc	agacgggatt	ctccaaggaa	aaatcagatt	gtttttgaca	acaggctcta	540
tgattcatta	cacagaccaa	aatccacacc	cgttatcaca	gcccagtgcc	aatggagtcc	600
agacggaagg	acttgactat	gacaggctga	agcaggacat	tttagatgaa	atgagaaaag	660
aattaacaaa	gctaaaagaa	gagctcattg	atgcaatcag	gcaggaactg	agcaagtcaa	720
atactgcata	gagggaccag	actaaggaga	gataggactt	taatctggag	gaaaaatatc	780
ctacaaacaa	caactgttca	caacagcaaa	cccctacatt	tatgagctgt	aagaagaaaa	840
tgagagacaa	cagaaggagg	gaaaaaccaa	cctactctga	aagccttcag	acattatgac	900
tctggtgata	agctctttcc	ctctccgttt	gctgcttttt	tctggccttt	acaacagaat	960
ggaagagaat	catttaagag	ttcctgtaac	agttatgcag	aaaatactaa	aacccatcag	1020
gcaagatcac	cacgcattga	aatattttca	tatcaagata	aagtcgcaca	ttttccacaa	1080
tacattgcta	aaataaagag	gagaaaggct	taggaagttt	ttttgcagag	agtgtctggt	1140
aagaattgag	caagtttgct	attgtattgt	aatgtttctc	tcaggtttgt	tcttctctatc	1200
atgtttgata	ttccatgaat	aattgagatc	agccctatgt	aagttaagat	cataatatgt	1260
ggaacaaatg	gaattgtaag	tgctttcaaa	gggtaatat	tataagaaag	tgtccgaaaa	1320
atgtttcttc	agcttgagaa	attttagaat	gataggaagt	ttctcgagtt	agccttcatg	1380
caatttttga	gattaaaaca	taaaatttgt	ccagaactta	aagattttaga	tgcttctcta	1440
aattgttaca	atgctttacc	aaatctatga	cttctacata	acacaaacca	gtgggtcaaat	1500
gtaaacacta	tattgtagat	ttactgtagg	ttttcaacct	tttttagatt	tatgcatgtg	1560
gacattttta	taatgttaatt	acaatcacca	caaggtttagc	ttttttaatt	gcagacagta	1620
atgcatgtca	cactaatatg	tagtggcctt	ttcaaggcct	agtcacaggg	aaaacatttt	1680
gtagagtata	ggggagtggg	aggaagggga	ggaataattt	tttattttaa	gttgattttct	1740
gcactatctt	tttctcagtt	acctgcatga	ataaataatg	agaaatattt	tgtgacttta	1800
attggtaaat	atgttacaaa	accaagtact	taatctttta	catcatgtct	tcagctattt	1860
gtatttttaac	cagtaatttc	aatgggtctga	aacatgatcc	tgagcttcac	ataatatctt	1920
aactgtggaa	ctcaaaagtt	tgat				1944

<210> 3525  
 <211> 3671  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(3638)  
 <223> similar to gi3928000 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3525  
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 gccgcgcgcg accccccagg cgggcccctg gggcacggag cggagcgcat cctggcggtg 180  
 cccgtgcgca ctgacgccc aaggccgctt gtgtccacg tgggtgcggc agctacgtcc 240  
 agagcagggg tacgagccc caggccgcgc ccggtccgga ccccgagctt ccccgaggc 300  
 aacgaggagg agcctggcag tcacctcttc tacaatgtca cggctcttgg ccgagacctg 360  
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 ggcgagaagg gcaccaccgc cgtggagccc ctgctcgga gctgtctcta cgtcggagac 480  
 gtggccggcc tagccgaagc ctctctgtg gcgtcagca actgcgatgg gctggctggt 540  
 ctgatccgga tggaggagga ggagtcttc atcgaaccct tggagaaggg gctggcggcg 600  
 caggaggctg agcaaggccg tgtgcatgtg gtgtatcgcc ggccaccac gtccctcct 660  
 ctgggggggc cacaggccct ggacacaggg gcctccctgg acagcctgga cagcctcagc 720  
 cgccgcttg gcgtctaga ggagcagcc aacagctcga ggcggagggc acgcaggcat 780  
 gctgcagacg atgactaaa catcgaggtc ctgctggcg tggatgactc tgtggtgcag 840  
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 atctaccatg acgagtcctt ggggtgccac atcaacgtgg tctggtgcg gatcatctc 960  
 ctgagctatg gaaagtccat gagcctcctc gagatcgga accctctca gagcctggag 1020  
 aatgtctgcc gctgggccta cctccagcag aagccagaca cgggccacga tgaataccac 1080  
 gatcacgcca tcttctcac acggcaggac tttgggcctt ccggcatgca aggctatgct 1140  
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 tctcagcgt ttgtggtggc ccatgagact ggccacgtgc tgggcatgga gcacgacggg 1260  
 cagggaacc gctgtggcga cgaggtgcgg ctgggcagca tcatggcgcc cctggtgcag 1320  
 gccgcttcc accgcttcca ctggtccgc tgcagccagc aggagctgag ccgctacctg 1380  
 cactcctatg actgctgct ggatgacccc ttgcgccagc actggccggc gctgccccag 1440  
 ctccgggac tgcactactc catgaacgag caatgccgct ttgacttcgg cctgggctac 1500  
 atgatgtgca cggcgctccg gacctttgac cctgcaagc agctgtggtg cagccatcct 1560  
 gacaaccctt acttttgcaa gaccaagaag gggcccccct tggacgggac tatgtgtgca 1620  
 cctggcaagc attgttttaa aggacactgc atctggctga cactgacat cctcaaaccg 1680  
 gacggcagct ggggcgcttg gaggccgttt ggctcctgct cacgtacctg tggcacgggc 1740  
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 tcgggccttg cctacgactt ccagctctgc agccgccagg actgccccga ctccctggct 1860  
 gacttcgcgc aggagcagtg ccgccagtg gacctgtact tcgagcacgg cgacgcccag 1920  
 caccactggc tgcgccacga gcaccgggat gccaaaggaga gatgccacct gtactgcgag 1980  
 tccagggaga ccggggaggt ggtgtccatg aagcgcagtg tgcagatgg gacgcgctgc 2040  
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 ggtgtgatcg gctccagcaa gcaggaagac aagtgtggcg tgtgcggagg ggacaacagc 2160  
 cactgcaaag tggtaaggg cacgttcaca cggtcacca agaagcatgg ttacatcaag 2220  
 atgtttgaga tccctgcagg agccagacac ctgctcatc aggaggtaga cgccaccagc 2280  
 caccatctgg ccgtcaagaa cctggagaca ggcaagttca tcttaaatga agagaatgac 2340

gtggatgcca	gttccaaaac	cttcattgcc	atgggcgtgg	agtgggagta	cagagacgag	2400
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atcccgggtg	gagacacccg	ggtctcactg	acgtacaaat	acatgatcca	tgaggactca	2520
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aagaagtggg	ctccgtgctc	caagccctgt	ggcggagggt	cccagttcac	caagtatggc	2640
tgccgccgga	ggctggacca	caagatggta	caccgtggct	tctgtgccgc	cctctcgaag	2700
cccaaagcca	tccgcagagc	gtgcaaccca	caggaatgct	cccagccagt	gtgggtcaca	2760
ggcgaatggg	agccatgtag	ccagacctgt	gggcgggacg	gcatgcaggt	gcgctccgtg	2820
cgtgcattc	agccgctaca	cgacaacacc	acccgctccg	tgcacgcca	gcactgcaat	2880
gacggccggc	ccgagagccg	ccgggcctgc	agccgcgagc	tctgccctgg	tcgttggcga	2940
gccgggccct	ggtcccagtg	ctcagtaacc	tgtggcaacg	gcacccagga	gcggccagtg	3000
ctctgccgca	ccgcggacga	cagcttcggc	atctgccagg	aggagcgctc	tgagacagcg	3060
aggacctgca	ggcttgcccc	ctgtccccga	aacatctcag	atccctccaa	gaagagctac	3120
gtagttcagt	ggctgtcccc	cccggacccc	gactcgccca	tccggaagat	ctcgtcaaag	3180
ggccactgcc	agaggcgaca	agtcaatatt	ctgtaggatg	gaagtcttgt	cacgctattg	3240
ctccatccaa	ggctacaaaa	gcgttggtgc	aaaagtctctg	taacctgtac	aacaacccca	3300
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tgccctacct	cccagtcccc	actgtagcca	tggagggtgcg	gccatcacca	agcacccccc	3420
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<210> 3526

<211> 1306

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1298)...(158)

<223> similar to gi311626 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3526

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<210> 3527

<211> 5940

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(5824)

<223> similar to gi4808815 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3527

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<211> 499

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (190)...(313)

<223> similar to gil335864 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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gcgagcgcct	gtaatccca 499

<210> 3529

<211> 4655

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(4574)

<223> similar to gi2224667 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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aactgaccat	gtagccactg	accggaagct	ggagccatcc	tacgccttcc	ctcagctctg	4620
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<210> 3530

<211> 4455

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(2947)

<223> similar to gi505100 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3530

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agaaatcaga	tgaattttcc	tttgctgact	tcaagttctc	agtcactcat	cattatcttg	240
tacaagagtc	cactgataaa	gaaggaaagg	atgagttatt	agaggatggt	gttcacaaat	300
ctatgcaaga	tttgctgggt	atgaataatg	actttcctcc	aagagcacat	tgcttggtta	360
gatggtatgg	gctacgtgag	ttcgtggtga	ttgcccctgc	tgacacagc	gacgctgttc	420
tcagcgaatc	taagtgaac	cttcttctga	gttctgtttc	tattgccttg	ggaaacactg	480
gctgtcaggt	gccactcttt	gtgcaaattc	accacaaatg	gcgaagaatg	tatgtaggag	540
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atcagtacac	tcacttatca	ggtctgctgg	atatcttcaa	atcaaagatt	ggatgtcctt	660

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gaaaaattct	acaaaggagt	ggttaaagtt	acaaaggcat	tgtgaatcta	ataaaaggaa	4440
aggtgtcgct	taaaa					4455

<210> 3531

<211> 2004

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6)...(988)

<223> similar to gi3127193 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3531						
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ttgttcatct	cttgccaaag	tttgaccac	tggttattct	aaagacactc	tccagttatc	180
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ccagttacaa	gttcccccat	ctacagaact	gcctcgctgg	aggggagtc	cttcttccag	300
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gagagaaaaa	aattgtaaaa	ataaaaaatag	taaaagaaac	tgataaaaga	aagtaatgga	1560
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cctgtgtgtg	gcattctacag	accttagatc	atagctgtga	gaacaacgta	agcactgcc	1920
aagttatcag	ctacccatat	ctcatgtttt	tgatgttata	tactcttctt	agaatcaa	1980
attaaaataa	ttttaaaaaa	aaaa				2004

<210> 3532

<211> 4490

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4493)...(772)

<223> similar to gi4240307 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3532

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ggccgtgcag	ccctccccgc	ggcgccttaa	atagattctt	cactatactc	tgtatgttac	180
agtatgtaca	agacccctcc	cctcggggga	cggggcggac	tccgcaacgc	gttcttatgt	240
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cttggtattc	atggtgaggg	ctccaggggg	caaggtcacc	ccgggcctga	ggggccgggg	4440
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<210> 3533

<211> 2333

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2304)...(712)

<223> similar to gil694688 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 3533
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aatgtatggg ctattttgcct gattgggtggc ctggactcag caagagattc ctttgcagca 180
gaggttgggc acacatctgg gggctgcaac accactgaaa agacagcttt ctaagcatta 240
gtgtaaggca aaaagcagag tgcctaaact tggccatttc caccaagaaa aaaagtttca 300
tagcaacctt ccttcaccag aaaggcttac tttatgatat gctaacagaa cagaaaagca 360
ggttggggaca agatacagac tttgttgcac ttagctatga cccttctctc ccctctgtgg 420
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ccaggggtgg gtcattggag ccagctaatt gccaggagct gaggcgtgta caagccatga 600
aaagagctgc cccacggcct cccacatca ctgtccttca tgcacttgca tctttaaggc 660
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gcctctcggg tgttgttgag gatcttgagg gtgtgcgtct ccccgaccgt gggttgctc 2280
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```

```

<210> 3534
<211> 2313
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2311) ... (1475)

```

<223> similar to gi4589652 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3534

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cttctcctta	aagaagtctg	tgtctaattc	ctacgcgtgg	ccgttggtcag	agtatagctc	180
tttcccgtaa	cctttactag	ccagaaacag	cttgcttgct	ttctgaagaa	agagaaatga	240
cgcaccacag	ggtacatcag	atgaatcaga	aattacattg	tttggacttc	aaaacagtgt	300
ttactgactc	tgggcttaaa	cttctagtcc	actcctagaa	cagaaaccct	caaagttcaa	360
gagtgttttt	ttttgtacaa	ttgtttatac	aaattcaaca	aaggtaaaat	cgcacagggg	420
aaggtctagg	aaacaccacc	ttacaacaat	ggcacttata	aatgcagaac	tttacaacta	480
ggaaatagcc	atgttacaaa	cctaaatgag	aactcaactc	acacttcaga	ggagagaagc	540
aaaagcaaaa	gaaaggctat	gtgggagcat	ttattctacg	tcttgactca	ctgtataaat	600
tagatctatg	taagtacaag	agctcatgct	ggagcagaac	ctcctgagtg	caaaggctga	660
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cttactttga	ctataattta	catttatcca	caacatgctc	atgtaactct	tgaggtaaaa	780
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cctcctctcc	gacaggaatg	tcttcttgta	aaggcgcct	tagaaatggt	ccagaaagca	1260
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gttcaggtca	atgcgggtcc	acaaccgctt	atcgagcac	cagcggttcc	aggtcctgca	2220
gacccgcatg	cacacacaca	ggtcttggtg	gctgaggtag	ctgaagacgg	ccatccacac	2280
ctcctgtgac	atgacgtggg	ctgccccatc	gtc			2313

<210> 3535

<211> 1319

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (251)...(734)  
 <223> similar to gi540535 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3535

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aggtaaactgc	atcctgccc	gcatgacggc	cccctgcccg	ccgccacctt	cagaccccc	180
gtttgtcctc	cgaggcaccc	agtcaccggt	gcatgcgctg	cacttctgcg	aaggagcccc	240
ggctcagggg	cgcccgtccc	tcttctcagg	gtctcagagt	ggcctggtac	acatctggag	300
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cctgtggggac	ctcgcggagg	gcaggagcgc	tgtcgtggac	tccgtgtgct	tggagagtgt	480
gggcttctgc	cggagcagca	tcctggccgg	gggccagcca	cgtcggacgc	ttgccgtgcc	540
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aacctcaagg	gcctctgagg	accagcaagt	catggcccaa	ggaccatgga	gtccccgctg	1260
tcttcatgag	atcagactgc	acaaatgtcc	agtgtctgaa	ccgcatggaa	gggcaggat	1319

<210> 3536  
 <211> 2304  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2290)...(1254)  
 <223> similar to gi3403236 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3536

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gaatcaaatg	caccacttta	aaatcagagc	caacatttta	aatttaggag	gatgatgcat	240
gtcctacttt	tgattcaagg	agaaaggaca	agttcttagg	tacaggtaaa	acaaaacaca	300
aaagtaaaca	aatcttttaga	aatcactata	tatatgtgtg	tttatatata	tatttttata	360



taattagat	tatcatcatt	tcaaactatt	aaaaataagg	ttgccacctt	accttttctt	420
ttggtaatgg	gggtgttattt	tttttaagag	aaaaaaccaa	acatttttggc	cagactctag	480
agtttcccaa	cttcaattct	gtttttctgt	gtgcaacttc	cccaccttca	cgctgtatcc	540
ccaagtccc	ccaccaattc	tggttgccag	gaggcagagc	aagctttcat	tctggtcac	600
aagatgacag	gcccacaaaa	gtacagctga	gacgggaact	gaattcttcc	ccaggaagaa	660
aatacctata	cccacaatag	gtctgcaaaa	tctcccacag	gcacctcttc	tccctttctt	720
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gcccgttttc	tgtggccttt	gctttgtctga	ttgctctct	gatgttcaag	gcacctctga	1140
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<210> 3537

<211> 5048

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5049)...(1236)

<223> similar to gi3947690 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3537

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agtctcctga	gaagctgcga	ttacaggcgc	ctgccaccac	gctcggctat	tttttcgtat	180
ttttagtaga	gatgggggtt	caccatgttg	gccagcctgg	tctcaaactc	ctgacctcaa	240

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aaaaccccaa	aaaaatcacc	aaaccatact	gtcaagcgaa	atagttttta	ttagtaggct	480
gatcataaat	aaatctacat	aaaagattta	acagaattac	aaagagtttt	gtgttccttt	540
gtggactcaa	ttcataatat	gcattagtca	acctcattct	ctaactgtga	caaaaagagt	600
tgtcatccaa	caatgcagca	cagttaaagc	aattcatatg	ctatagttac	atttttacat	660
tttctttaca	aatgtaacat	ttatgtacat	tatatataga	tttttttcta	tagttcatgt	720
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tccagcatca	ggattgatgt	tggcaaggga	taacaaatca	gtagaacgga	caaagaagtt	2220
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cccaattttt	cttgtgagat	accgttttag	gtctttttgt	aacttttctg	cttgtgaagg	2340
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ttgtaccacc	tttgtacttg	atctctgatt	aggatcttct	ctggattgca	gaagtcctgc	2580
acccaaggaa	ggtaactgtg	tctgaaatac	agacacacgg	ccacctgttg	gagacattaa	2640
tttaaaggca	gcctgaagtg	caggaccaag	ggcactgtgt	gtttctcttg	tattggtgaa	2700
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tacgttgatc	aatgaaggat	acaaacgggg	ttaatatacg	ttcgacagga	tcggcacctc	3240
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cttgctgatg	aagaaagcat	atctgggtaa	ctgcctcctt	ccagggcatc	ataactgttg	3840
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tcctcctctt	cctcatcatc	ggaagttagt	gacaagggag	ttggtgcgga	gctagcttgg	3960
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gctggactat	tgtagtgtt	cacaaaagag	gagtatgggt	gggaggcact	cgtatgcaaa	4620
tgggatgctg	acgatgcagc	accttggaag	gacccatagag	tggatccac	aatatgaggg	4680
gcaggaggac	ccttgctgta	caactgctgt	gctcctgggt	gctgggtcac	tgtgttagga	4740
gtcacatttt	gtgttggtac	tgtatagaga	gcagagtagt	aatcaccaca	ctgggtatcc	4800
aatggcaatg	aggtcatttt	cccaggtcct	tgagagtaat	gtcctgaggg	agcaatatag	4860
ttttgatgat	gcaatccata	tccagatgga	acctgcattt	gattctgggc	tggaccgttc	4920
tgctggtgcg	gcgccggggc	cgcacccggg	cccgcggggc	ctgcggctcc	tgagacggcc	4980
gatccgccga	acttgggcgg	gatccggggc	ctggcgggcg	ggtgagagga	cccggcgggg	5040
gccgacat						5048

<210> 3538

<211> 606

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (40)...(423)

<223> similar to gi2302524 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3538

ttcagtgtctg	taagaaagga	cggaggctgt	tatctatggc	agatctatcc	aataaaggag	60
agaaaggacc	gcatacgctt	ggttctcatc	atatgcaata	aagagtttga	ccatctgcct	120
ccaagaaatg	gggctgactt	tgccatcatg	gagatgaaga	agctgcttga	ggatctgggt	180
tacagtgtgg	atgtagaaga	gaatctgaca	gccaggataa	cgtgtccagg	agagacagca	240
caaggggctc	catcttcata	acacaactca	tcgcatgctt	ccagagatat	tcttggcgct	300
gccacctaga	ggaagtattt	tgggaagggtt	agcaagcatt	tgaaagtccg	gaggcaacag	360
tccaaatgcc	caccatagaa	cgagtgtcca	tgacaagata	tttctacctc	tttctggggc	420
aactgaaaat	ggttaagcat	tgagagtgtg	tgggtggtgta	tgaaataaat	gaaagtgtga	480
tattggagca	ggaaaccaca	agcagcccag	ccctccttta	tcaacttcaa	gaaacacctt	540
tactagtaca	gattgaatgc	ttaacatttt	gtatttcaat	aaaggtgaag	acaaatgaaa	600
aaaaaa						606

<210> 3539  
 <211> 559  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (465)...(294)  
 <223> similar to gi1247386 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3539  
 tttttttttt ttaccaacaa agcctgcctt tattaaatag agatcgcgtt acattccatc 60  
 caaagaagga aatccggacg tggtagggga tgcgtccagg tgggagctcc gaacgctggt 120  
 cctgagtggg ctctgatggg tgggagggcc caggctcctgc ctgcccaccc aggccccaca 180  
 tgccagggcg cgtgtctgca tggccaccca cagctgaaaa caggcgtggg cgatctgaag 240  
 ccctgtctgt gttctactgt ggcagaaagt gccccagctc ttccagcggg tttgggagca 300  
 ggatggccac aaggggggtg tgcctggcca gggcttggca gctgggggtg aggggtaccct 360  
 ggagatccag ccaccagaa cagtcctttt ctgaagacaa gccagcaaca aggcacctgc 420  
 aggcagttct ggggactggg gagggggcgc tggctgcctc aggtgtccc tcccaagggc 480  
 tgaggcccc cgagtatgga tccgagctcc ctggtctttg gtgctttctt gaaatcctcc 540  
 tggtaggtggc agaaccag 559

<210> 3540  
 <211> 986  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(987)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1)...(662)  
 <223> similar to gi2959884 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3540  
 ggacagagac gcagtgggct atccagaagc agcaatctca gggtaaccag aactagagct 60  
 gctcaaagaa aaactgggtcc cgtttcatta gcaaatggat gtggcagaaa agccactcga 120  
 aagagagtct atttaagtga ttctgataac aattcattgg agactgggtga aattctaaaa 180  
 gccagagctg gaaataaccg aaaagtctta aggaagtgtg ctgctgtggc tgccaataaa 240

ataaagctaa	tgagtgatgt	agaagagaat	tctagctctg	aaagtgtctg	ttctgggtcgg	300
aagctgcctc	accgcaatgc	ttctgctgta	gctagaaaaa	agttattaca	taattctgaa	360
gatgaacaga	gcttaaagtc	agaaattgaa	gaagaggagc	taaaagatga	aaatcaacca	420
ttaccagtgt	ccagttctca	cactgcccag	agcaatgttg	atgaatctga	aaacagagac	480
tcagagtcag	aaagtgattt	gcgggtagcc	cggaaaaatt	ggcatgctaa	tggttacaag	540
tcccatactc	cagcaccttc	aaagacaaaa	tttcttaaaa	tagagtcttc	tgaggaagac	600
tctaaaagtc	atgattcaga	tcatgcatgt	aacagaactg	ctggcccatac	aacgtctgtg	660
cagaaactta	agggcagaga	gcatctcaga	ggaagcagat	tctgaaccag	gaagatctgg	720
tggtaggaaa	tacaatacat	ttcacaagaa	tgcgagtttc	tttaaaaaaa	ccaagattct	780
gagtgactca	gaagactctg	aatctgaaga	gcaagataga	gaagatgggn	aaatgtcata	840
aaatggaaat	gaacccaatt	tcnggaaatc	tgacctgtga	ccctattgct	atgtcccagt	900
gttcctcaga	tcatggatgt	gaacctgatt	tggattcggg	tgatgccaaa	ctggaaaacc	960
caacaatttt	tttgaagatt	ctgctt				986

<210> 3541

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (784)...(656)

<223> similar to gi2565069 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3541

attgagacca	tagagagccc	ggcggaattc	atTTTTTTTct	tcaagctaga	aatattacgg	60
cttatgaagc	atgtgagaca	gtccccgcca	tgtgctgatt	acacagaccc	ctgtaccaga	120
aatcagaagg	aaaggagtca	gacttgaatc	aaagaaatgt	ctctggcaca	caggccttca	180
aattgatggc	tggagcctgt	cttttaagaa	caaattaatt	cattatagga	aaaaccctaa	240
ctaattgaaa	ggtctaaatt	cttcagggtc	tcttgtgatc	ctgggaaatg	ctagaccgtg	300
agcatcttga	tggaggatgt	gaactgccac	ttcctcacag	gcagcaggca	ggtgctgaat	360
aagtgccttg	tgaatgaatg	aatgaatcac	gccaaagggc	atgttacctg	ttccgccaaa	420
atctgctgct	gctgctgctg	ctgctgcctt	tgtccccgca	ggaactgttg	cttctgctgc	480
tctatcaact	gggcccgtg	atcaatgagc	atctgcttca	tgatggctgc	ttggggctgg	540
ctgcccagga	agccggggcc	tgcgggactg	gtcctgaga	ccatgccacc	tgagcctggg	600
ggcacggagg	actgcatggg	gcctgtggtt	cggggaagtc	caactggatg	ctgctcctga	660
ccgtgggatg	gaagtgcagc	gtaagccatg	ggctgattca	tactccttt	ctgcttcctg	720
agaagcaggc	gtttctggtc	ttcgctcagg	tgtgccctgg	gggcctgaag	ctagaagagg	780
cggacgcgtg	gg					792

<210> 3542

<211> 4490

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (4493)...(772)  
 <223> similar to gi4240307 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3542

tttttttttt	ttgggtgcagc	gatgtttaat	ggcaattcgt	ataaaccaag	cccatgcaca	60
agtagaaagt	gcccgtggag	ccggcaggag	gccccgcg	cgctagagaa	ccacaagccc	120
ggcgtgcag	ccctccccgc	ggcgcttaa	atagattctt	cactatactc	tgtatgttac	180
agtatgtaca	agaccctcc	cctcgggga	cggggcgag	tccgcaacgc	gttcctatgt	240
acaccacctc	cccttcggcc	ctgaggtcag	tggccagagt	cgggtgatgg	ggtaagacag	300
ggccagagag	ggaggaaaca	gacgcaaaca	tgcggagtcg	ggtggggaca	cggtcagccc	360
tgaaacacga	ggggcgtagc	cagcgaaggc	agtgggtgga	accgaggcgg	atacattcag	420
agacgcgtcg	aacaaataaa	taaggcaagt	caggaggggg	ccgagtcggg	tgcaggcagg	480
aggagctggg	gagcaggggc	aggcagggct	ccggaggtca	cagcgggaaga	tgcaggtatg	540
tggggcgcg	gttttctgga	gccaggacca	aaagagacgg	ggcacgacca	ggagggacga	600
ggagaggggt	gtgggagcaa	ggcgtgggga	ggagggagga	ggcctacaga	gggctccaac	660
aaaggtgaac	aggaaagctg	ccgacagggg	ctccccctgc	cccagaaagc	cctctccctg	720
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agtcccggct	ggggaagccc	ttccagctcc	tggttctgct	tcaattccct	catcctgtgt	840
cggcagcgcc	gcaggaatct	catgatcttc	cgggctgcct	ggtcctgctt	cttgggtgaga	900
aaggagcctt	tggtgcgggc	aggcaggggtg	gccgaagtcc	ggtggggagg	gccgggcctg	960
cggcggtagg	agcggtagtg	ctgctggatg	agcacagccg	ctcggcggtc	ctgctgaaat	1020
cgcttctgtt	catagtagct	tccgaacttg	ctctggatca	ggatggccgc	ctgggtcatc	1080
ttcttataga	gtgcaaactt	aagtgcgaatc	caggtcagct	gcttgacttt	ccggtaacag	1140
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cgggaaggccg	tctggatgac	tccggcagcc	tcatacagtt	cccgtgctc	ttgaatctga	1260
ataatgtcaa	caaggcaaaa	atcaactttc	caatcttgcc	cactgggtgga	atgcagagag	1320
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gcgcacatga	ccccgggaat	gagccacaga	caatggcaga	cggcccagag	agtcgggaat	2040
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acaagcccac	atcagagggg	tgcaagagaa	atgatccacg	ttgagcgggt	caacctcctg	2160
ctctaagtcc	aagcttccag	tctccacact	ccgccactgg	ctcagggtct	cgatgaggcg	2220
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tcgctctagt	atggacatcc	ggaactgggt	gtcgtccagt	gacagccagt	caagttgagt	2520
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gcgtaagaca	ccaggctgga	caagtgaggc	tggcactgcg	atgtgatcaa	agacacagga	2700
gtaatgctcg	gcggcttcgg	tccaaggacc	tgtgatgagc	accttgacct	cacctctggt	2760
gtaggaccac	tctggggaga	agtctgtgat	ggtgctaaga	gcaggagaca	gctggggggg	2820

tggagcaggg	atgcttggag	cttcgtcact	gatgagttct	cccataaggt	ctgggaatga	2880
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tcttccctacc	ctgcttgacg	gtcccaaggg	ggcaggtgag	ggtgggggtg	agggaggggg	3000
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ggggctgttg	agaaaacgat	caggggtcaaa	ggcaggactg	ggaggagctg	gtggggcaga	3300
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caagtgcctg	gtgggcgtca	agcctccagc	ccgctgctcc	agtcctgtca	ggaggaggat	3420
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gatagaggtc	agggttaaag	ctcggggctc	cactttggga	gagatgatgc	ggtgtttcgt	3660
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atttgtattc	caccgtagcc	tctctggagg	cagcagcggg	cagcgaggaa	gacactccag	4320
cagcttcttg	gggagaaaga	tcttcaggtg	gtggctgttt	tcagcaacct	cgggtggtgc	4380
cttggtattc	atggtgaggg	ctccaggggg	caaggtcacc	cccggcctga	ggggccgggg	4440
ggagggggag	tctgtgctcc	cgggggtccc	cgggtgacgg	cggcagcggc		4490

<210> 3543

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (67)...(318)

<223> similar to gi4929597 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3543

ggaattccac	tggccttccct	ctcggaggga	caaggaagcg	tggcctccct	ttcactcacc	60
ttacttttcc	ttctgggtcca	gggccagctc	ttccgaggct	ccagcctgct	tttccgcggg	120
gtgtcatcag	gatcatgctt	tgccctggag	taacctgaat	catctaaaaa	acacggtctc	180
aacctggcca	ccgtgggtga	ggcctgacca	ccttggggaca	cctgcaagac	gactccaacc	240
caacaacaac	cagatgtgct	ccagcccagc	cgggcttcag	ttccatattt	gccatgtgtc	300
tgtccagatg	tggggttgag	cgggggtggg	gctgcaccca	gtggattggg	tcacccggca	360
gacctagggg	aggtgaggcg	aggtggggag	ttggcagaat	ccccatacct	cgcagatttg	420
ctgagtcctg	cttgtgcaga	gggccagaga	atggcttatg	ggggcccagg	ttggatgggg	480
aaaggcta	ggggctcagac	cccaccccgt	ctacccctcc	agtcagccca	gcgcccattc	540

tgcagctcag	ctgggagcat	cattctcctg	ctttgtacat	aggggtgtggt	cccctggcac	600
gtggccacca	tcatgtctag	gcctatgcta	ggaggcaa	ggccaggctc	tgccctgtgtt	660
tttctcaaca	ctacttttct	gatatgaggg	cagcacctgc	ctctgaatgg	gaaatcatgc	720
aactactcag	aatgtgtcct	cctcatctaa	tgctcatctg	tttaatgggtg	atgcctcgcg	780
tacaggatct	gggtacctgt	gcaattttga	aaaccattg	ggt		823

<210> 3544  
 <211> 1533  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1534)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1)...(1089)  
 <223> similar to gi3287501 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3544						
cagatggagc	acgtggtcca	ggcttgccac	cgcttcatcc	aggccagcta	tgaacctctg	60
ggcatctccc	tgccccccct	ggaagcagaa	cccccaacac	ccccaacggc	ccctccacca	120
ggtagtccca	ggcgctccga	aggacaccca	gaccaccta	ctgaatctcg	aagctgcagt	180
caaggccccc	ccagtccagc	cagccctgac	cccaaggcct	gcaactggaa	aaagtacaag	240
tacatcgtgc	taaactctca	ggcctcccaa	gcaggagacc	tggtcgggga	gagaagttct	300
ggtcaacctt	gcccccaagc	caggctcccc	agtggagacg	aggcctccag	cagcagcagc	360
agcagcagca	gcagcagcag	tgaagaagga	cccattcctg	gtccccagag	caggctctct	420
ccaactgctg	ccactgtgca	gttcaatgtg	gggctccagc	cagtaccccc	tacctctca	480
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ccttggttcc	tggggacgaa	gacaaacct	ataagtgtca	gctgtgccgg	tcttcgttcc	660
gctacaaggg	caaccttgcc	agtcaccgta	cagtgcacac	aggggaaaag	ccttaccact	720
gctcaatctg	cggagcccgt	tttaaccggc	cagcaaacct	gaaaacgcac	agccgcatcc	780
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atctgcgggc	gcacgtgctg	atccacaccg	gggagaaacc	ctacccttgc	cctacctgcg	900
gaacccgctt	ccgccacctg	cagaccctca	agagccacgt	tcgcatccac	accggagaga	960
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gccctccacc	tgtggccccc	attgcattca	gtttatctgt	aaatataatt	tattgaggcc	1440
tttgggtggc	accggggcct	tcattcgatt	gcatttccca	ccccctctct	gaattgcccc	1500
tgcggaacgat	gctaggttca	ggnnnnnnccc	gct			1533



<210> 3545  
 <211> 607  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (138)...(494)  
 <223> similar to gi5596693 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 3545
cctgggcgtg ctcccccggt cacctactcc taagagtacc cattacatat cagtttccct      60
caccaagctc agccccctct gccctctggt gagtctcctg agtccctttg gagtccctct      120
cttgctccca tgcagacaac tggaagcagg agctgacaaa attcatcagc cccgaccagc      180
tgcctgtgga gtttgggggg accatgactg accccgatgg caaccccaag tgcctgacca      240
agatcaacta tgggggtgag gtgccaaga gctactacct gtgcaagcag gtgaggctgc      300
agtatgagca cacgaggtcc gtgggcccgc gctcctccct gcaggtggag aacgagatcc      360
tgttcccggg ctgtgtgctc agatgtcctg aggttttaca acacctacag cctggttcat      420
tctaaacgca tcagctacac cgtggaggta ctgctcccag accaaacctt catggagaag      480
atggagaaat tctaggtgaa cctcatggtc cccacaccct cctctttgat ctctgaatcc      540
acaatgagtt cacagccttc cctggccaga ccctgttcaa cctctcagga acagggatc      600
tacaaca                                           607
  
```

<210> 3546  
 <211> 907  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (265)...(747)  
 <223> similar to gil256001 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 3546
tccagtgtgg tgggaattcgg gctgtcagtg ctccggaggcc tcttcctgct ctttgtgctg      60
gagaacatgc tggggctttt gcggcaccga gggctcaggc caagatgctg caggcgaataa      120
cgaaggaatc tcgaaacacg caacttgat ccggagaatg gcagtgggat ggccttcag      180
cccctacagg cagctccaga gccaggggct cagggccaga gggagaagaa cagccagcac      240
ccaccagctc tggccctcc tgggcaccaa ggccacagtc atgggcacca ggggtggcact      300
gatatcacgt ggatggctct cctgggagat ggtctacaca acctcactga tgggctggcc      360
ataggtgctg ccttctctga tggcttctcc agcggcctca gtaccacctt agcggctctc      420
  
```

tgccatgagc	tgccccacga	actgggtgac	tttgccatgc	tgctccagtc	agggctgtcc	480
tttcggcggc	tgctgctgct	gagcctcgtg	tctggagccc	tgggattggg	gggtgcagtc	540
ctgggggttg	ggctcagcct	gggccctgtc	cccctcactc	cctgggtgtt	tggggtcact	600
gctggggctc	tcctctatgt	ggcccttgtg	gacatgctac	cagccctgtt	tccgtcctcc	660
ggagcccctg	cctacgcccc	atgtgctcct	gcaggggctg	gggctgctgc	tggggggctg	720
cctcatgctt	gccataaccc	tgctggagga	gcggctactg	cccgtgacca	ctgagggctg	780
atggggccag	tggaaagggg	tcgggttgcc	cttccttccc	cccaaccaca	ggaatggagg	840
cgggacacag	ggccagtagg	agcaatagga	ttttaataaa	cagaacccat	cccaaaaaaa	900
aaaaaaa						907

<210> 3547

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (685)...(351)

<223> similar to gi3236368 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3547

ggaattccac	gctgcttttt	ctctttccta	aatgcagcgc	ttgcttgggg	acttcaaggg	60
aaggcttttg	gttggtgggc	tgagtgaccc	caggctccga	gaggggcagg	cattgcttgg	120
gaggaggttg	gagatgcacg	catgccctta	gctaggcgtg	gggtggctca	gttaagaagg	180
gcactgcctc	cgcagcccct	cggcgctcag	ccagctgcag	ccccaaaggt	ctagggcttt	240
aggggaaccga	tccaggtttg	ggggcgggga	gaaagtctg	aggcagctcc	tccttgga	300
gagcagggcg	accccgcgcc	gggcctgcag	gctcctacag	ctactgccc	ccagcgggca	360
aggcgaaagg	ccctaccagc	cagctgagcg	ggggattgtg	ctgtaggccc	tccagcagct	420
gctctaacc	ctgccaaagg	tggtgcacac	cctcgcggt	ctgcaccagc	cgctctgcgg	480
gcagctcctc	tacagagcca	gctgaggcca	cgatgccata	gagctcacag	aggctgtgcc	540
gcgcccgc	cactggctgc	tggagctcgg	cgggcaggcc	ctggaggctg	gagaccaggc	600
cactgtaggc	cgtgtgcagc	tgccggagaa	ggccgcagac	cctggacaga	accccgcat	660
cccgtcctg	tgggaggaag	gcgcaagggtg	agtggagacc	catgggcggg	gtggggggac	720
cctagccctg	tgccagaccc	atctcctgga	cagcagcgtc	ctccgcactg	gcacctgagg	780

<210> 3548

<211> 2796

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (6)...(1655)

<223> similar to gi2827158 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3548

ggaaatccca	acacggggga	tccttcagct	catgcacagt	tgcaaagagg	gctacgttaa	60
agatttgaaa	ggtaaccag	gcctgcacag	ggccatgttg	gatcttgata	atggtaacag	120
tccttcagag	ttgggccatc	tcagtcagac	agcgtccctg	aagaggggca	gcagctttca	180
gtctggctga	gacgacagct	ggagatacaa	aactccccac	agggtggcct	ttgttgaaaa	240
attgacaaaa	ctcgtcttga	gccagctgcc	taacttcttg	aaactctgga	tctcctacgt	300
taatggaagc	ctcttcagtg	agactgctga	gaagtctggc	cagattgaaa	gatcaaagaa	360
tgtaaggcaa	agacaaaatg	attttaagaa	aatgattcag	gaagtaatgc	actccctggg	420
gaagcttacc	cgcgagagccc	tgcttccctc	cagcatccgg	gatggggaag	ccaagcagta	480
cggaggctgg	gaggtgaagt	gcgagctctc	cggacagtgg	ctcgctcacg	ccatccagac	540
tgtaagactt	actcatgaat	cgttgactgc	ccttgaaatt	cctaatagacc	tgttacagac	600
tatccaggat	ctcatcttgg	atctccgagt	acgttgcgta	atggccacgt	tgacgacac	660
ggcggaagaa	ataaagagat	tagctgaaaa	agaagactgg	attgttgaca	atgaaggact	720
gacttctcta	ccatgtcagt	ttgaacagtg	catcgtgtgt	tctctgcagt	cactgaaggg	780
ggttctggag	tgcaagccgg	gagaggccag	tgtcttccaa	caacctaaaa	cacaggagga	840
ggtttgccag	ctaagcatca	atataatgca	ggtttttata	tactgtctgg	aacagttgag	900
caccaagcct	gatgcagata	tagatactac	acatctctct	gttgatgttt	cttcccctga	960
cttgtttgga	agtatccatg	aagacttcag	cttgacctca	gaacagcgcc	ttttgatagt	1020
cctaagtaat	tgctgctatc	tagaacgtca	caccttccca	aatatcgag	aacattttga	1080
aaagcacaa	ttccagggaa	tagaaaaaat	cacacaggtt	agcatggcct	cattgaaaga	1140
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gaaaataaca	cgtaataaga	ctgttcactc	tctaagtacc	ctaaaggat	ttggtgtatt	1740
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aattcaagcg	ggtttttgga	aaaatttatg	gtctccatta	aaatacatat	tacaactggg	2220
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cgtcgcatct	gaaaatttca	gagaggaatc	tctttg			2796

<210> 3549  
 <211> 4197  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3)...(3727)  
 <223> similar to gil469193 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3549

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accctaacaa	ggccatcttc	acggtggatg	ccaagaccac	agagatcctc	gttgctaacg	180
acaaagcttg	cgggctcctg	gggtacagca	gccaggacct	gattggccag	aagctcacgc	240
agttctttct	gaggtcagat	tctgatgtgg	tggaggccct	cagcgaggag	cacatggagg	300
cgcacggcca	cgctgcggtg	gtgtttggca	cggtggtgga	catcatcagc	cgtagtgggg	360
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tgggtggtcct	ggagcccgtg	gagagggtct	cgacctgggt	cgctttccag	agcgatggca	480
ccgtcacgtc	atgtgacagt	ctctttgctc	atcttcacgg	gtacgtgtct	ggggaggacg	540
tggctgggca	gcataccaca	gacctgatcc	cttctgtgca	gtccctcctc	tctggccagc	600
acatcccaaa	gaatctcaag	attcagaggt	ctgttggaag	agccaggagc	ggtaccacct	660
tccctctgag	cttaaagctg	aaatcccaac	ccagcagcga	ggaggcgacc	accggtgagg	720
cggccctgtg	gagcggctac	cgggcatctg	tctgggtggt	ctgcaccatc	agtggcctca	780
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tggacaatgt	cccagaagga	agcctgccag	tgcacggtga	acaggcgctg	cccaaggacc	1260
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cacctcttct	cttggcagtg	ggctccgac	cagatgtagg	cagtctccag	gaacaggggt	2100
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gagatgggga	acaggagcct	gagtgatgtg	gcccaggctc	aggagctttg	tgggggcccc	3660
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accagctaaa	caccaatttc	ttcctgcttt	tctccacttg	gtttggaaaa	tcacacagtt	3780
ttcaggctcc	atctgttttg	agaaaatata	ttctgaagca	tccccaattc	accttctaaa	3840
aactcatgtg	caggtttgat	aaacaccaga	acagaagaca	gtgatgctgt	attattttag	3900
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ttctctttct	acttttgtat	atgtgcatgt	tttgtttcct	ctgacttggt	atatgtcat	4080
ctgagtgcgc	gatattgtgaa	atttgtagaa	ctggttagtc	aaatggccag	actatttcat	4140
taattttatt	cctcaaatgc	ttttcaaatt	aaagcacctt	tgtagtaaa	cagttaa	4197

<210> 3550

<211> 1239

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1240)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1169)...(931)

<223> similar to gi1710216 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3550

agagtttttt	ttttttttaa	tcagaatgac	aaaggtaaag	cagtgttttag	gaacataaat	60
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cgagcagccc	tgaaaactgt	tcctgccttg	gcctcacctc	gtcaccacgt	ctgctgtgga	180
aagggtgcgc	acctggaggc	tgtgctgttg	aacaggcaca	tcgaggaggt	ccaacacagc	240

gtcagaactc	ccacgccttc	ttctcagctc	tgcccttgg	tcagctgtca	ggtgactccc	300
aggcagagtc	cgttttgagg	ctcctgggac	tgggaatacgg	gaccagcctg	agttgctgtc	360
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<210> 3551

<211> 1587

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(783)

<223> similar to gi4210354 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3551

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tcggaccggg	atgagaaccg	ggcctacctc	attgaccgtg	acccaccta	cttcggggcc	240
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acccaaagga	acagcccaa	aaaaaaa				1587

<210> 3552

<211> 4367

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4368)...(707)

<223> similar to gi4240217 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3552

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cactttctcc	ctcttaacag	cccagactag	cgggtgagga	gtcagtgctg	tgacccaggg	240
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aaagtgccat	ccctttctgt	ctcttcaggg	gtactccgtg	gctcttccat	gtccttttga	4320
gattcacttg	caaatttctc	taaaatctct	tcttttgctc	ggagctt		4367

<210> 3553

<211> 1919

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(940)

<223> similar to gi5748546 in the genepept database release 114,



Run with FASTXY 3.3t00, default parameters

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<400> 3553
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cagaagcagc tgcggtaccg ctttcccagag ctggccgacc ctgacacctg ctacgggttc     180
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gcattgtctc gggggcacat ccaggagagc cgggtaacca tcagccatgc cattggcagg     360
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gcgaggaagg gctgaggtgg ggccggcagg gggcgccagg cagccgtgat cacaggtgac    1140
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tggctacagc agggctccag ggactccaaa taaatgttca gtgactggca aaaaaaaaaa    1919
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<210> 3554

<211> 601

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (42)...(506)

<223> similar to gi2827495 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters



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ctggagaagc	agaagcagca	gcagctacag	ctgggcaaga	tcctcaccaa	gacaggggag	1620
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<210> 3556

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (741)...(261)

<223> similar to gil706967 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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ggtcaggaag	tcctcgaaat	tgatctcctc	agccaggcca	ctgggtccct	tgccgagggt	660
cctgttgctg	aaaagccacg	aaaaattttg	aattcgaggg	ggtttacccc	caagtgcggg	720
gaattgttta	agttcttcc					740

<210> 3557

<211> 1116

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (9)...(996)

<223> similar to gil84240 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3557						
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cggcgccggc	cggcaaccag	aaaaacagcc	cggaccgcgt	caagcgcccc	atgaatgcct	180
tcatggtgtg	gtcccgcggg	cagcggcgca	agatggccca	ggagaacccc	aagatgcaca	240
actcgagat	cagcaagcgc	ctgggcgcgg	agtggaaact	tttgtcggag	acggagaagc	300
ggccgttcat	cgacgaggct	aagcggctgc	gagcgtgca	catgaaggag	cacccggatt	360
ataaataccg	gccccggcgg	aaaaccaaga	cgctcatgaa	gaaggataag	tacacgctgc	420
ccggcgggct	gctggccccc	ggcggcaata	gcatggcgag	cggggtcggg	gtgggcgcgg	480
gcctgggcgc	gggcgtgaac	cagcgcgatg	acagttacgc	gcacatgaac	ggctggagca	540
acggcagcta	cagcatgatg	caggaccagc	tgggctaccc	gcagcaccgc	ggcctcaatg	600
cgcacggcgc	agcgcagatg	cagcccatgc	accgctacga	cgtgagcgcc	ctgcagtaca	660
actccatgac	cagctcgcag	acctacatga	acggcttcgc	cccacctaca	gcagtgccta	720
ctcgacagag	ggcaccctcg	gcatggctcc	tggctccaat	gggttcgggtg	gtcaagtccg	780
aggccagctc	cagccccctc	gtggttaact	cttctctcca	ctccagggcg	ccctgccagg	840
ccggggacct	ccgggacatg	atcagcatgt	atctccccgg	cggcgagggtg	ccggaacccg	900
ccgccccag	cagacttcac	atgtcccagc	actaccagag	cggcccgggtg	cccggcacgg	960
ccattaacgg	cacactgccc	ctctcacaca	tgtgagggcc	ggacagcgaa	ctggaggggg	1020
gagaaaat	caaagaaaaa	cgagggaaat	gggaggggtg	caaaagagga	gagtaagaaa	1080
cagcatggag	aaaaccgggt	acgctcaaaa	aaaaaa			1116

<210> 3558

<211> 2990

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2662)  
 <223> similar to gi3043726 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3558

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gcggcagccg	cggcgggcgg	ggctgcagcg	gcagcaaccg	ggacggaggc	tggccctggg	180
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cgggcctcgc	cccccgggg	cctggcgga	ccgcgggggt	ccgcaggggc	tcaggccggc	360
cctactgtcg	tgcctgggtc	tgcgaccccc	atggaaactg	gaatagcaga	gactccggag	420
gggccgtcgg	accagccggc	gcaagcgggc	gaaggtagag	tacagagaga	tggatgaaag	480
cttggccaac	ctctcagaag	atgagtatta	ttcagaagaa	gagagaaatg	ccaaagcaga	540
gaagggaaaag	aagcttcccc	caccaccccc	tcaagcccca	cctgaggaag	aaaatgaaag	600
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ccggatgact	tctcaagaag	cagcctgttt	tccagatatt	atcagtggac	cacaacagac	720
ccagaagggt	tttcttttca	ttagaaaccg	cacactgcag	ttgtggttgg	ataatccaaa	780
gattcagctg	acatttgagg	ctactctcca	acaattagaa	gcaccttata	acagtgatac	840
tgtgcttgtc	caccgagttc	acagttatct	agagcgtcat	ggtcttatca	acttcggcat	900
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cggacaagct	gttcctaaag	agaaagatga	aatggtagag	caagagttta	accggttgct	1260
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<210> 3559

<211> 5906

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (11)...(5229)

<223> similar to gill136398 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3559

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gattgaggca	gaactgaata	aacattggcg	gcgattgtta	gaggggcttt	cttactacaa	120
acctcccagt	ccaagttcag	ctgaaaaagt	gaaagctaata	aaagatgtag	cttcaccatt	180
gaaggaactg	ggtttaagaa	tcagcaagtt	tttgggtctt	gatgaagaac	agagtgtgca	240
gttactccag	tgttacctgc	aagaggacta	caggggtact	cgggactcag	taaagacagt	300
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agaaagaacc	tgtattcttc	gttgtgtctt	acaccttctc	acttacttcc	aagatgaaag	420
acacccctat	agggttgaat	atgcagactg	tggtgataaa	ttggagaagg	aactagtttc	480
aaaatacaga	cagcagttcg	aagagcttta	taaaactgaa	gcaccaactt	gggagacaca	540
tggaatctc	atgacagagc	gccaaagtgc	tcgctggttt	gttcagtgcc	ttcggaaca	600
gtccatgctg	ctagaaatta	tttcccttta	ttatgcatac	tttgagatgg	cacccagtga	660
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acagcctcag	ggcgagtatg	gggttactat	tgcctttctg	cgcttgatca	ccacccttgt	2040
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<210> 3560

<211> 967

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (585)...(889)

<223> similar to gi4226107 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3560

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tcaataacct	accaccaagg	agcagtttca	ccaattcctg	gaagccaaag	ggcaggagaa	180
gacttgccgg	gaaaccgagg	taggagacct	tgctggcaat	gagctggctg	agcctgaggc	240
taagcggatc	cgactggagg	atggacagac	ggcggacggg	cagacggagg	aggcagcaga	300
gcccggggag	cagctacaga	ctcagaagag	ggcccgggga	caaaacaagg	gccggcccca	360
tgtgaagccc	acgaactacg	acaagaacag	gctgtgtccc	tccctaattc	aggagtcggc	420
tgctaagtgt	ttcttcggtg	atcgctgccg	ctttctgcac	gacgtggggc	gctacctgga	480
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acggcctgga	gcactggggc	tcggacacgc	aggggcgtgg	agaagaccgc	gccgctttct	660
gctcgagtgg	ctgtccttcc	tgtgccggta	cgtgcccgctg	gggctgctgg	agcggtcccc	720
acaagaggat	caacgagcgg	ccgccctact	acctggggccg	cgactacctg	gagacgctga	780
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ccccagctt	cgccttcttg	ccgaagcaca	aggccaacgc	gtacaagtag	cctcaggctt	900
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cgtgccg						967

<210> 3561

<211> 1211

<212> DNA

<213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (24)...(569)  
 <223> similar to gi1658503 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3561

ccatcgattc	gaattcggca	cgaggaagca	tgtccctgca	tttaggcaat	gaagtgtttg	60
atgtgtacaa	agccccactg	cagggcgacc	acaatcatct	ttttataaga	caaggtactg	120
gtctacaggg	acaagcagtc	tttaaaacga	aactcacctt	cagacctcac	tctacggaca	180
gtgccacaca	tagaaagatg	actctgtcac	ttgcagatag	gtgttcaaag	acacagaaga	240
ttagaatctt	gccaatggct	ggtcgtgac	ctgaatgcca	acgcacagaa	atgattaaga	300
aagaagaaga	acgtttgagg	gcttccatac	gtagggaaac	tcagcagcgc	cgaatgagag	360
agaaacagca	ccagcggggg	ctgagcgcca	gttacctgga	acctgatcga	tacgatgagg	420
aggaggaagg	cgaggagtcc	atcagcttgg	ctgccattaa	aaaccgatat	aaagggggca	480
ttcgagagga	acgagccaga	atctattcat	cagacagtga	tgagggatca	gaagaagata	540
aagctcaaag	attactcaaa	gcaaagaaac	ttaccagtga	tgaggtaaga	ccaaatttat	600
tcaattctag	gggtttatcc	tgtactcagg	agccaactgc	tttgaatgaa	gagctcacag	660
atcaggcagg	cacaaattag	ttgtctacac	acgtcactga	aatccagtga	gataaatgca	720
gtaacaagac	agagtgatcc	agaggaggat	ctgatacctg	tgcttagaga	ggctcttagaa	780
ggctgcatgg	aggataagac	ttcttgctgg	gtgttgaaga	gtgatcagaa	gcttgctggg	840
caaactgtcc	tgtctctggg	aggtcactcc	ggatagatgg	aaaggcctat	aatactttgc	900
atatggagtc	tgcaaaaatc	gtgaccatct	ttatgttccc	catgtcacac	tggtccactg	960
cattgatgac	attatgctga	tggtatctga	tctgatgagt	aggaaataac	tccttgcttt	1020
gacttccaat	tttttccaga	tgaagagact	cattgttagt	tctctaattg	tccttctctg	1080
catctgcac	tctctctgga	aactgagatt	tcatttccct	tctcttctcc	tctctctgac	1140
tgcaatcggg	gatattcttt	gtaaaagact	gacgttgcca	cctgcctctc	ctcacttcca	1200
ctgcactccc	a					1211

<210> 3562  
 <211> 3029  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (3031)...(73)  
 <223> similar to gi5419885 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3562

tttttttttt	ttaggcgccg	tagctgcgtc	cccagaaccg	ggagacttaa	ggcatcttta	60
ttgcgggatc	ctcacacggc	ctcctgggcc	cggcgatact	catagacgct	gccgtgctcg	120
ggaaaggcca	gtgcttgccg	gggcgacccc	ggcgggtggg	cggggtcctc	cgggtcccca	180
tagccaccgc	cgccgggctg	gtggagacag	aacacatccc	cggggtacac	ggtcaccgac	240
gtcttgccgc	ccagattcac	cgtccggccg	tttttgccga	tcagcaggtt	taggccgcgg	300
gcgccaggct	cgcccccggt	gagcccgtat	ggccggaagg	cgccggcgctc	ggtcagcact	360
gacagcagcg	cctcctcacg	aaaaagcagc	tcgcgggtga	cgccgtcgcc	gcctcggaag	420

cggcctctgc	ccccgagcc	ccgccgcagc	tgaagcggc	gcaggatgac	cgggtaccgg	480
ctctccagga	tctcagggtc	ggtgatgcgt	gtgttggtca	tgtggctgtg	cacaccgctg	540
cgcccggtgc	agctgggacc	cgcccccgcg	cgcccccca	ccgtctcgta	gtagcccatg	600
tgggcgttgc	ccagggtcac	gttgttcacg	cagccctggg	aggcggcgca	ggccccaag	660
gccccagga	tgacatccac	cacgcgtgc	gacgtgagca	cgttgccgcc	caccaccgcc	720
gcctcgggcg	acgggtccag	gatggagcct	cggggaatga	ccacgcgcac	tggcgccagg	780
cagccctggt	tgagtgggat	gtcgcgccc	accagacagc	gcaggcagta	gatgagggcg	840
gacagggtta	cggcccgcg	tgcgttgaga	ttaccaaaca	cctccggccc	agtgcgctg	900
aagtcaaaca	cagcgtgcc	ctgactcagg	ctgatctgca	cacggaggcg	gatgggggaa	960
ccgtcgtcca	tgtggtcttc	cgaggacacc	tccaggggca	ggccccgggc	ctgccgggag	1020
gttccaaagg	cacgcaacat	gtctcgacag	gccagctcag	cgtttgcctg	aatatggccc	1080
atgtaggcct	gcaccacgtc	caggccgtac	tggcccaaga	agctcccca	ccagctggat	1140
gcccttctgg	ttggctgcca	cctgggcacg	gaggtccgac	aggttgtcgt	gcaggtttct	1200
ggttccgctg	cagttgggga	ccttgccctg	cgcccgagg	gcctccgtca	ccgcctcctc	1260
ctggaagacg	ccccctgga	caagtttgaa	ggacagaaag	acggcacccct	cctgttgacg	1320
catggtggag	tgggggggca	tggagccctg	tgtgatgccc	ccgatgtctg	cgtgggtgcc	1380
tccgctggcc	acatagaaca	caggccgcgt	ctgaccggc	caaacaccg	gtgtgataac	1440
agtcaggctt	ggcagggtgc	tgcctccggc	actgggatgg	ttgctcagta	gcacgtcgcc	1500
agggtggaga	tggccccc	ggtgctgaat	ctggaactgc	accgtctcct	gcatggcacc	1560
caggtgcaca	gggatgtggg	gggcattgga	caccagcccc	ccatcggggc	caaagagggc	1620
acaggagaag	tccagacgct	ccttgatggt	ggtggagatg	gctgtgcgct	gcaggatgcg	1680
gcccatctgc	tcagcaatgc	tcatgaagcg	gtgtgagaag	atggacagct	ggatagggtc	1740
cagctggggg	cccactgtgc	cggggacttc	ggccccacg	gagatgcaga	tgtcccctgt	1800
cttggtcacc	ctgcccggc	aacctggctc	caccaggatg	gtgctgttac	tgtcgatgat	1860
gaggcagggc	ccatggagct	tgtgccata	gcccagctct	gccagcaggt	acacaggggt	1920
ctcctggtag	ccccctcaa	agtagcactg	ggtcatcttg	tccaccggg	gaggcccggt	1980
ctgggctttg	ggggcatcct	cgaggcgaag	accactgcg	ccggtgccc	gcactcgac	2040
atcgtccacg	accaccggcc	gctcaggat	gacaaagcca	aactccctca	tgtaccgctc	2100
cacaaaggct	gggggcagga	caggcgggag	agcagagggtg	gacgtacctg	cgtgagtgc	2160
cggatgggccc	ggcacatggc	ctcgttggcc	acgcgcacga	accccatggc	cacctcctcc	2220
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acagcctcca	gggctttgcg	ggaggcctca	ggggaaagtg	gttggttctc	tcccggccca	2340
aaaatgcagg	ggaaggaggc	aggcagcagg	cgaccacagga	ccagattagc	atccgtcact	2400
gtcacagggc	cccctgggag	gtggacaggg	tgtggggctt	gggggctgga	ggcaggggag	2460
caggagtagg	cagcagggat	agggctgaca	ggaggggctg	ggcctgcggc	ggcaagcgga	2520
gggcaaggcc	aggccggcca	gatcctgact	cttacctttg	cggtagcagg	cgggtcctgg	2580
gtgggctcct	gctgactcgg	gcccacccac	aaagaggcca	gacctgaaga	agaggcgagg	2640
acccctccc	gctgccacgg	tgttgatgtc	cagctgcggg	gcctggaggg	tgacgccagc	2700
tgtgctggcc	tgaagacgt	gctcgaattc	cccagcatag	cgggctcaca	tccgtggacg	2760
tgcctcccat	gtcaaagccg	atgacaggct	ggccaccctc	ctgctggtag	gtggtggctg	2820
agtagccac	cagcccgccg	gccgggccc	agagcacagc	actggagccg	ctgaagggtg	2880
ccatgggcgc	caggccgcca	tccgagcgca	tgaacaacac	ctgcacatcc	ttgagttggc	2940
cctggaagcc	acggcagaag	ccctgcacgt	agcgtggat	ggcgggcgtg	aggtaggcgt	3000
cggcacaggc	cgtgtgcccc	cgagggacc				3029

<210> 3563

<211> 2007

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2) ... (543)

<223> similar to gi5457357 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 3563
aggggggcctc ttcggtgttg gtgagacagc agccaagatc ttaaaaagca acatcgatgt      60
gttatttgca gacgtagctg ggtgcgaaga atcaaattgg aaattatgga atttgtgaat      120
ttcctgaaga atcccaagca gtatcaggac ttaggagcaa aaattccaaa gggagccatg      180
ctcactggtc ctctggttac cggcaagacc cttcttgcca aagcaactgc aggggaggcc      240
actgtgccct tcatcactgt gaacgggtct gagttcctgg aaatgtttat tggcggtggg      300
ccagcaaggg gttcaactct gccaccaacg tcgtggtggt ggctggcacc aaccgccctg      360
acgtcctgga cccggccctc atgcggcctg gccggtttca tcgccagatt tacactggtc      420
ccccttacat taaaggcagg tcttccatct ttaagggtcca cctgcgcccc ctgaagctgg      480
acaagagcct caataaggac accctggcga ggaagctggc agtgctcacc ccaggcttcc      540
ctgatgtctg tttacatacc aaagttaaaa agctggaatg ttaccaagac tgctttcttc      600
tgcccataga cggggatgac tcagcactac ccctcaacag agatgacttt gatgactctg      660
cccctcagca gggcttacta agcactaccc cttaacaggg atgactccgc actgccccctc      720
aacagggatg actcagcagg gatgactcag cactgcccct caacagggat gactcagcag      780
ggatgactca gcactgtccc ttagcagtga tgacacagca aggatgactc agcactgccc      840
ctcagcaagg atgactcagc actgccgctc aacagacatg actcagggat ggcttagtac      900
tgccctcag cagggatgac tcagcaccgc ccctcaacag ggatgactca gcactgcccc      960
tcaacagga tgactcagca gggatgactc agcactgtcc cttagcagcg atgacacagc     1020
aaggatgact cagcactgcc cctcaccaag gatgactcag cactgccgct caacagacat     1080
gactcagga tggcttagta ctgcccctca gcagggatga ctcagcaggg atgactcagc     1140
accacccctc aacagggatg actcagcagg gatgactcag cactgcccct caacagggat     1200
gactgcaggg atgactcagc actgcccctc agcagggatg actcagcact gccctcagc     1260
agggatgact cagcagggat gactcagcac cgcccctcaa caggcatgac tctgcagaga     1320
tgactcagca ctgcccctca gcagggatgg ctcagcaggg atgactcagc attgcccctc     1380
aacagggatg actcagcaga ctcagcaggg atgactcagc actgcccctc aacagacatg     1440
actcagcagg gatgactcag caccacccct cagcaaggat gactcagcag ggatgattca     1500
gcagagataa ctcggggatg actctgattg tccttcagca gggatgagtc tgttttgtc     1560
cgatggaagc atctgtagt tccatcagca ggtgaatggc caaagtggta tatactgtag     1620
tcacattcag ctataaaaag gaataaagta tcgatgcatg ccacaacatg ggtgaaccta     1680
gaaaatactg atctaaatgc aagaagccag gcacaaaagg ccacatagta tatgttccca     1740
tttatgtgaa atgtgcagaa taataataaa aatgtataga atagcaaate tgtagggaca     1800
gacatgaggt gagtggttgc cagaagtgga aatgggagtt aactataaat tgcacagggt     1860
accttacaga gatgatggaa atgtcctaaa actagattat ggcaatagtt gcactacgtg     1920
atcagtttat taaaaatcgt tgatgtgtgt gtgtaaaatg ggtggatttt atggtttata     1980
aattatacct taataaaggt taacaaa                                     2007

```

<210> 3564

<211> 1085

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(1088)

<223> similar to gi5882259 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 3564
ccagcttggt ttttggatcg agcactccag ataacaaagt tgctgaacaa gaagacttag      60
aaacacagcc aagtccatcc gtagaaaaag cagtgaactgt gatagatcct gaaggtacaa      120
ttcccaccaa ttttaatgta gctgagaaac cagctgatca ttcattatca gaggtaaaac      180
ttaaaactgc tgatgaaccc agaggtactt tagtaaaatc tggtgacggg caaaacgtta      240
aagaaaaatc catgatttta tcaaattgtag aagattttaca acagccaaaa ttcatttctg      300
aggtgtctag ggaagattat ggaaaaaaag aaatctcagg cgattcagag gaaatgaaca      360
taaactcagt agttacttct gctgatgggt agaaccttga aattcaatct tattcactaa      420
tcggtgagaa attggttatg gaagaagcca aaactattgt tcctcctcat gttactgata      480
gtaaaagagt ccagaagcca gcaatcgctc ctccatctaa atggaatatt tctattttta      540
aggaagagcc aagaagtgat caaaaacaaa aatcactcct ttcatttgat gtagtagata      600
aggtgccaca acagccaaaa tcagcttctc ccaactttgc aagtaaaaat atcacaaggg      660
aatcagagaa accagagtca attattttgc cagtagaaga atcaaaaggc agtttaattg      720
atctcagtga agacagactc aagaaagaaa tgcaaaatcc tacttctctg aaaatttctg      780
aagaggaaac aaaactcagg tctgttagtc caactgagaa gaaagataat ttggaaaaca      840
gattcatata ccttgggcag aaaagaaggt gctggcagaa aaacaaaact ctgtgggccc      900
cattagagct tagagatagt aatgaaatag ggaagacaca aattacactt ggatctagat      960
ctactgaact gaaagaatca aaagccgatg ctatgccaca acacttctat caaaatgaag     1020
actacaatga aagacccaaa atcattgttg gttctgaaaa ggagaaagat gaaaaaaaaa     1080
aaaaa                                           1085

```

```

<210> 3565
<211> 2611
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2612)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (239)...(919)
<223> similar to gil871540 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 3565
tctcactggg agaaatatca agttaggggt gtggagtgtt attaggaaga aataatcatt      60
atgggctaaa agttaagtga ttagaaatta tatatatattg cttttaaaat ttctatttca      120
agggtctctt atgcaaatta tgagcctttc tagacagtat ttctgggtctc ctggtttgag      180
tgtgaaatta tagccatcac ctgacatgca ttaattctgg attccttttg tgtgtggtca      240
gcaataccag gacgtgcccg atgccggagg aaaagagcaa cccaaggggc gtggagtggc      300
tgtggcattc cattgttata aggatgtatc tgtccttgat cgccaaaagt gtccgcaact      360
acacacaaga agcatcctta ggagctctgc agaacctcac ggccggaagt ggaccaatgc      420
cgacatcagt ggctcagaca gttgtccaga aggaaagtgg cctgcagcac acccgaaaga      480
tgctgcatgt tggtgacca aagtgtgaaa agacagccat ctcgctgctg aggaatctgt      540

```

cccggaatct	ttctctgcag	aatgaaattg	ccaaagaaac	tctccctgat	ttggtttcca	600
tcattcctga	cacagtcccg	agtactgacc	ttctcattga	aactacagcc	tctgcctggt	660
acacattgaa	caacataatc	caaaacagtt	accagaatgc	acgcgacctt	ctaaacaccg	720
ggggcatcca	gaaaatttat	gccattagt	caggcgatgc	ctatgcctcc	aacaaagcaa	780
gtaaagctgc	ttccgtccct	ctgtattctc	tgtgggcaca	cacggaactg	catcatgcct	840
acaagaaggc	tcagttttaa	aagacagatt	ttgtcaacag	ccggactgcc	aaagcctacc	900
actcccttaa	agactgagga	aaatgacaaa	gtattctcgg	ctgcaaaaat	ccccaagga	960
aaacacctat	ttttctacta	cccagcccaa	gaaacctcaa	aagcatgcct	tgtttctatc	1020
cttctctatt	tccgtggtcc	cctgaatcca	gaaaacaaat	agaacataat	tttatgagtc	1080
ttccagaaga	cctttgcaag	tttgccacca	gtagataccg	gccacaggct	cgacaaatag	1140
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tggaagggac	attaatccaa	taaataagga	aagaagctgt	tgcatctactg	ggatttttaa	1260
agtttgattt	acattttatat	tccttttctg	gttcccatgt	tttgtcactc	atgtgcacat	1320
tgcttcgcca	ttgggcctcc	agtgtattgt	tctgcagtgt	tgaaacagaa	tggaaatgac	1380
aagaaatata	tgcatgtatc	cagggagaaa	gtataatggg	caaaattatt	ggtttctttc	1440
tttactttgt	gcttggtttt	atcccccttg	ggntgttttt	ctctggattt	ttaaataaac	1500
ttacacttaa	gaaatttaga	ttaccagagt	atgcctgact	gtaagaaaaa	gaaattgaga	1560
ggaagtgate	atagcaaatt	aaagaagtct	tttcctccca	gaacttaaag	taaaataaaa	1620
aataaataaa	taaataaaaat	cttttccaca	gagaaaggca	actgtgatga	taaaatttaa	1680
cgttccccca	aacactgagt	caatgagatt	tttctcagga	gatactttac	ctataacaac	1740
gccgttaaata	ccaaatctct	tctaaacgat	ggcattctat	gtaatgcctt	tcctggactt	1800
ttttggccac	tgccctggac	tagtgaaaga	atggactcta	tctttatctg	caagaggaac	1860
taaggccttc	tatcagactg	cctggccagc	ctggggcact	gaaaatacgg	ctcatgttaa	1920
tgagttacat	tatcagccag	cccagccttg	cccaccattt	aagaaatata	acagagccac	1980
tagatctcat	atgatcttct	tcaagccatt	attttaactc	aagaaaactc	tagagaagaa	2040
aagtgaagaa	gtcatgttga	agaagatgta	agaatgtgtc	aagaccatcc	agaaatgata	2100
tgagaaatac	tgatatttta	aatggttgac	atcatccagc	gaaatgaatc	tacattaaat	2160
gttgtttttaa	ctgcgctatg	gattaaaacc	attcatatag	gagttagggtc	tttaccact	2220
actattctgt	tatttttttt	tttaatctgg	acaacatttg	tccctaggta	ggttagggca	2280
aaaaaattct	ttcaactcct	tttggcgaag	aaaactgtaa	cagaaaataa	attttgaatg	2340
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agacaactta	ggttgacctaa	cctagtcca	aatgaaatta	tttagatacc	aattttttaa	2460
atactggaga	gaattttatat	gtctttttcc	agagttctga	tgataagcat	ttggagtgc	2520
tttattcctc	cagataataa	atgtgtgttc	agaacttttt	gtgtttttta	aggcattaat	2580
aaagccttcg	ataatattaa	atacaaaaaa	a			2611

<210> 3566

<211> 5891

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(5892)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1)...(1306)

<223> similar to gi4678438 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3566

gtgaatactg	ctatgcatga	ggcaaaactt	atggaagaat	gtgacgagtt	ggtagagatc	60
atccagcaga	ggaagcaaat	gatcgctgtc	aaaatcaaag	agacaaaggt	tatgaaactg	120
agaaagttgg	cacagcaggt	tgctaattgc	cgccagtgtc	ttgaacgggtc	aacagtcctc	180
atcaaccaag	ctgagcatat	cctgaaagaa	aatgaccagg	cacggtttct	acagtctgca	240
aaaaatattg	ctgagagggg	cgctatggca	actgcatctt	ctcaagttct	gattccagac	300
atcaatttta	atgatgcctt	tgaaaacttt	gcttttagatt	tttccagaga	aaagaaactg	360
ctagaggggt	tagattat	aacagcccca	aaccaccat	ctatccgaga	agaactctgt	420
actgcctccc	atgacaccat	tacagtccac	tggatctcgg	atgatgagtt	cagcatcagc	480
tcctatgagc	ttcagtacac	catattcact	ggccaggcta	acttcatcag	cctgtataat	540
tcagtagaca	gctggatgat	tgttcccaac	attaaacaga	accattacac	agtgcattgga	600
ctccagagcg	ggactcgcta	catcttcac	gttaaagcca	taaaccaagc	cggcagccgg	660
aacagtgaac	ctacccgact	aaaaacaaac	agccaaccct	ttaaattgga	tcccaaaatg	720
actcacaaga	agttgaagat	ctccaatgat	ggattgcaga	tggagaagga	tgaaagctct	780
ctaagaaga	gccacacccc	agagaggttt	agtggcacag	ggtgctatgg	ggcagcagga	840
aatatattca	ttgacagtgg	ctgccactat	tgggaggtgg	tcatgggttc	ctcaacatgg	900
tatgcaattg	gcattgccta	caaatcagct	ccaaagaatg	aatggattgg	caagaatgcc	960
tcctcatggg	tcttctctcg	ctgcaatagt	aacttcgtgg	tgagacacaa	caacaaggaa	1020
atgctggtgg	atgtgcccc	acacctgaag	cgtctgggtg	tcctcctgga	ttatgacaac	1080
canatatgct	gtctttctat	gacctagcta	actctctcca	atcttcatac	ttttgatgtg	1140
accttcaatt	cttccagttt	gtccaacatt	tacaatctgg	aacaaatccc	taatgatcct	1200
gtctggcttg	cctgccccag	attttattga	ttaccttgag	cggcaggaat	gcaactgcag	1260
gcctcaagaa	tccccctatg	tttctgggat	gaaaacctgt	cattaagtgt	caggagagta	1320
tataattcac	tggtctctca	gttcagcagt	tcttccccct	ctacacctaa	gttagcggtc	1380
aatatacgag	acacaaaata	aagtttgttt	gaagcatcca	aaataactag	atattgcaga	1440
tttaattttt	gtgcattaaa	gcttgtat	gaattaat	attgagtttt	tcagaacaaa	1500
ttatctgagt	agtctgcgtt	caagccattg	gagaaaaatt	tagaaaaatgc	ctctgttgtc	1560
attggagaat	taaaaattcc	caatgattta	agaatataaa	ttatattgga	agcaattagg	1620
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<210> 3567

<211> 2174

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1705)...(418)

<223> similar to gi257387 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3567

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acctgtgtca	cctctgcaaa	aaatggagct	ctgagcccag	ttctgtgagc	atgggtgtcag	240
agccctccaa	agtcttgaga	aatcaatacc	agggatccaa	atctcagaca	ccagtttgaa	300
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<210> 3568

<211> 1435

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature



<222> (1272)...(274)

<223> similar to gi2905643 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3568

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<210> 3569

<211> 1581

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1582)...(860)

<223> similar to gi5360111 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3569

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ccagataaaa	gcatgttatt	ttccacatac	gctatctttg	tattctgcac	agagttccaa	360
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ggtggcatat	ggaattgggt	ttcccacgga	attggattat	aaaaggctgg	ttctggatag	540
gaatttccac	tgtaaaaacc	tgtaagtttt	ccattggcat	aaccatagct	ctttgcagct	600
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<210> 3570

<211> 6646

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1761)

<223> similar to gi3336980 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3570

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gaaggagaat	cacttgaacc	cgggaggtgg	aggttgcagt	gagctgagat	cgtgcccctg	6600
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<210> 3571  
 <211> 2192  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (2193)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (2192) ... (802)

<223> similar to gi398845 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3571

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gcttctggga	cctggcacta	agggagcacg	ccgcggtcaa	ccagaaagga	atztatgatg	180
aggcaataag	cagcttcttt	agaaatgtgg	acaccaggca	gtcttgattg	atatggaaga	240
aggggtagtg	aatgaaattc	tgcagggacc	actgagagat	gtatttgata	cgaaacagct	300
catcactgat	atctctggct	caggaaataa	ttgggccgtg	ggtcacaaag	ttttcggcag	360
tctttacca	gaccagattt	tagagaaatt	cagaaagtcg	gcagagcact	gtgattgctt	420
gcagtgtttc	tttataatac	attccatggg	aggaggaaca	ggatctggac	ttggcacatt	480
tcttttaaag	gtgcttgaag	acgaattccc	agaagtatac	agatttgatg	cttccattta	540
tccttctggt	gaggatgatg	tcataacctc	accttataat	agcatcttgg	caatgaagga	600
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tctcgtgtca	agcctaacac	ctctgtatac	actgacagat	gttaacattc	ctcctagaag	960
attggatcag	atgttttcag	atgcctttag	taaagatcac	cagctgcttc	gggcagaccc	1020
caaacacagt	ctttacctcg	cctgtgcact	catggttaga	ggaaatgtac	aaatttcaga	1080
tcttcgtaga	aattattgaa	gattaaaacc	atctctacaa	tttgtctcct	ggaatcaaga	1140
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tcctaatttg	tacacttaac	atgtatttgt	attaaacttt	ttaaataatt	gctttcttat	2040
caaaccaatt	gattttataa	taaatgtcta	tatttttcaa	cagtgtact	tgttattgtt	2100
ctgcatgaca	tttatgcaa	tgaacagaat	gttactaagc	ttgatattct	ccaaactttg	2160
caataaatgg	ctataattgt	tccggttact	at			2192

<210> 3572

<211> 1504

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (25)...(1130)

<223> similar to gi577843 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 3572
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agcgacatca acgtggcccc gggcgagcag ggtcccgacc aggaggagac caacaccctg 180
gtggccaata ccagcaactc caacgggctg aaattggacc cgcagaccc agaaaacccc 240
agaagtgggtg atacagtgga agtacaagtg aatggaaatc ttgtcagaga acctgaccat 300
atggaactgg aagaagatag ggctggacaa cttaacatgc gtggagtttt tctgcatgtc 360
cttggagatg ccttgggttc agtgattgta gtagtaaatg ccttagtctt ttacttttct 420
tggaaagggtt gttctgaagg ggatttttgt gtgaatccat gtttcctga cccctgcaaa 480
gcattttag aaataattaa tagtactcat gcatcagttt atgaggctgg tccttgctgg 540
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tatccattac ttaaggaatc tgctcttatt cttctacaaa ctgttcctaa acaaattgat 660
atcagaaaatt tgataaaaga acttcgaaat gttgaaggag ttgaggaagt tcatgaatta 720
catgtttggc aacttgctgg aagcagaatc attgccactg ctcacataaa atgtgaagat 780
ccaacatcat acatggaggt ggctaaaacc attaaagacg tttttcataa tcacggaatt 840
cacgctacta ccattcagcc tgaatttgct agttaggct ctaaatacaag ttagattccg 900
tgtgaacttg cctgcagaac ccagtgtgct ttgaagcaat gttgtgggac actaccacaa 960
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gatagagatt aaaaacatgc caaaacaaac caacctgaat catctttgtg agtccttgaa 1140
aaagatgtgg atattttgaac ttttgcttta aactgcaaga ggaaaaagac tcccactgaa 1200
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ttttcccatg ataaaaatta gggggataaa taaaattgtt actggaattt ctctgcaaaa 1500
aaaa 1504

```

<210> 3573

<211> 1309

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1310)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1309)...(173)

<223> similar to gi3928166 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3573

tttttttagct	tgttatgctt	tttttttttt	cccaaagcac	tttaatgcat	tcaccaaccc	60
acagtccttg	cccgtggct	gggcaagaga	ggccagcccc	catctggagg	ctcctatggc	120
ttcccacacc	tagtgtgtcc	aggaaggctg	agcccgcaca	cattcccac	aatagggtgag	180
gggcgtgaga	atgaagaggc	ggtcttcttc	tttgcggtac	cagcgcatca	gcttatggat	240
ggcactgacg	gctgacgcct	tgggtccccag	ggggctcgta	acacatgtag	agctcaaagg	300
cgctgtcac	ccaggccagg	gaggttctcg	ttgcggggcc	gtgtagtaaa	ttggtcttga	360
gtggggcgag	aggcattgtg	ggcacgactg	tgcaagtact	ggtagaggcc	cagcagccgc	420
tctgtctct	cttactgggt	gtatggggcc	tcaatctcag	ggctggtgaa	gagtcccag	480
ctctttgact	tatagaggaa	gtgacgcagg	tcagggatgc	ccacttgggc	aacgctgtag	540
taggggtgtg	gcagtgcctc	tcgcaggggc	aggtgggctc	cgcgcttgcg	aaggcgctcc	600
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agcaggcaga	ggtcagtgtc	aggctctagg	taagagatgt	gtgcgtggaa	gaagccggct	720
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gaactaatga	ggttgaagag	cagggtgcagg	tcgatggggg	gcagaaattg	gtcctttcgg	840
cgcacgagt	ccacgagctg	gttgcgggcc	agcaggatgg	agaagaccag	gctgcgcgca	900
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cgtgccgccc	ccatcaggaa	gctgggggtc	cgtgccatga	gctgcagcag	gttgtcgggtg	1020
atgcgctctg	agcccgagag	tagggcgccg	aaatcatagt	tctgcttctg	ctggaagatg	1080
tggctcagct	gcgcaccggg	aagaaggctt	aggatctggg	agtagatgta	gagcagctcc	1140
tgccgcagct	cttggtgccga	ctgccgcgta	cgagccaccg	ccactagcac	cagcgggctc	1200
cggcgcacga	atactacctt	gtagccatct	ggctccattc	cctgaattcc	tccgcnctgt	1260
ctaagggtca	tctatggggg	ntctatnngg	ggggggnggg	gggggggggg		1309

<210> 3574

<211> 1445

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(733)

<223> similar to gi3043740 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3574

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tattttgggc	gcttatactt	gttaccggcc	agatgtgggt	tatgtccagg	gcatgtcctt	180
catagcagca	gtgttgatct	tgaacttaga	tactgcagat	gcctttattg	ccttttctaa	240
ccttctgaat	aaacctgtc	aaatggcggt	ttttagagt	gaccatggcc	ttatgttgac	300
ttattttgct	gcatttgaag	tattctttga	agaaaatttg	ccgaaattat	ttgcgcattt	360
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ggagctgttt	gcctccatcg	ccacgatcca	gatgcagagc	cgaaacaaga	agtggggtca	660
ggtactgact	gcattgcaga	aagacagccg	ggaaatgaga	gaagggaagt	ccgtccctcc	720
gacactgagg	ctgcagcggg	aattcgact	cggcaccaat	cagagcccca	tgcccgggcc	780
cctctgttgt	ttcagactga	caccggggca	gccgagaaga	acagacgctc	tttaagtttg	840

attcctaaca	ctggagttgg	ccttaaaca	aacaaacaca	aaaactttta	agaattaaa	900
ccaaggctta	gccttaagca	gctcagtga	aggatgagct	gctgcggacc	acagccagcc	960
actgcatctg	ctgcacagtt	gaacgatggg	cagtggctca	ccccactcc	tttatttcag	1020
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tgggccatgt	tgccctgaca	cagtcacagt	gtagaggctg	caggtgcaca	cgtgggctcc	1380
agtgggactg	cgctctggga	gactgctccc	tggcatcggt	cctgcggagg	tggaaagttc	1440
gagag						1445

<210> 3575

<211> 1610

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (430) ... (1216)

<223> similar to gi886024 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3575

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gctgctgctt	ttcgcatcta	aattcttget	ctgaagggtgc	caagaacctg	gaaaccggct	120
gggagtgggg	tctcaccagc	ctttggagac	cctcctgagc	cgtctggcaa	ccagtgcaga	180
tacagagctg	cacggaacgt	catgaaggac	caacgcctgg	ttttccatag	ttaaagttagg	240
tcatctgggt	atgcgtcagc	accacatgta	actatgtttt	caccaaagac	caacatcaag	300
agtgagggga	aaggatcttc	aaggagcagg	agcagctgcg	cacgggaggc	ataccccgctg	360
gagtgcgctg	tgcccaccaa	gcccggcccc	caggtcgctg	ccgccccac	ctgcacacgt	420
gtatgctgca	tccagtactc	aggagatggg	cagtggctgg	cctgtgggtt	ggccaaccat	480
ctgttactcg	tttttgatgc	cagcctgact	gggacacctg	ctgtgttttc	aggtcacgac	540
ggggcagtga	atgccgtgtg	ctggagccag	gaccggaggt	ggctgctctc	tgccggcccg	600
gacgggaccc	tgcaaatgtg	gtcggctcgt	ggggcagagc	tcgcactgct	tctgatataa	660
acagaagagc	aagtccaagc	tgatttgcag	gctctccacg	acgggtgcag	tagacatgac	720
cagtttatcg	gcagtcaacg	acttttatte	ccacatcgta	ctcgcagctg	gccggaacag	780
gaccgtggaa	gtgtttgacc	tcaacgccgg	ctgcagtgca	gcggtgatag	tggaagccca	840
ctcacggcct	gtccatcaaa	tctgccaaaa	ttaaaggttca	tcatttacia	cccaacagcc	900
tcaggcttat	aaccttttcc	tgaccacggc	cattggcgat	gggatgagac	tgtgggacct	960
gagaaccttg	aggtgtgagc	gccactttga	agggcattca	accgcggct	atccatgttg	1020
aatcgctttc	agtccttgtg	gacgattcgc	ggcttgtggg	gccgaggaca	gacacgctta	1080
cgtgtatgaa	atgggctcaa	gcacgttttc	tcaccggctg	gctgggcaca	cagacactgt	1140
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gtttttcata	ttttgagact	tgctcagat	ttcccccggt	tgcaagctcc	tccccctctgt	1380
gtgtgccatg	tcagagtttt	atgtctttct	gctcctcaaa	agggatcccc	cttcattggg	1440
aaaatggaaa	tggcgccag	tacttctgca	cagaatttgg	taaagttaaa	acaaaatatc	1500
tttcaataaa	acataatata	gtatttgttt	gataattaga	gttgaagaa	aaaagagaga	1560



attttcttttg ggcagtgaaa ataaagcagt taacagtcaa aaaaaaaaaa

1610

<210> 3576  
<211> 803  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(804)  
<223> n = a,t,c or g

<220>  
<221> misc\_feature  
<222> (611)...(383)  
<223> similar to gi34203 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3576

cttctccggg	tgcagccacg	cgctccggcag	aatcctat	ccaggaggag	gactgtatcc	60
ttttctta	tacaggaaga	aatttttaga	actcttacag	aaccattcat	ttttttaatt	120
gaagtata	ttacatgtaa	tagaatgtac	agatcatatg	gtttcagtgg	ttttgacagt	180
tgtatgtacc	cgtgtaacca	cctcagaaaag	caaaatgtag	gaaatttctg	tctcttcaca	240
aaatttctta	gaaccatcca	aagtttacct	tcataaatag	gccttaattg	tactaaaata	300
agtatttgta	tttatttttt	gaaggaaaat	ttgtattatt	ttaattattt	ttatgtacag	360
aacactcaac	agtgtacatt	taaccagtt	tagcggcatg	ttcttttagcc	tttgctttt	420
tgagcttggc	aacgtgcgcc	acagacttgg	gacccgggac	attgccgccc	ccgtgatggt	480
gaatctcgtc	gtatctgtcg	ttgtaattgg	tcctggacta	gacagcccag	tcttgccctc	540
cccttgata	atgcagtaag	ggacccccat	tttacgacat	agggcaggca	agaagacagc	600
cagctggaag	aaggcattag	tggaagagt	tattttgacc	aaaagcagta	aatctcaaag	660
ctagcttgg	agcaagcag	agagagagaa	cttctgagtg	atcatgaaga	caaaaagctg	720
aacagtgagt	ttttctcttc	cttttttctg	ggncagcatt	tagagcattg	cccagaggaa	780
ggtaggcagt	tggacagtgt	att				803

<210> 3577  
<211> 1302  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (34)...(669)  
<223> similar to gi3806122 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3577

gagtacatta	gtccagtgcg	gtggaattcg	cgcggcggtca	agtgcgtgct	ggtcggcgac	60
ggcgcggtgg	gcaagacgag	cctggtggtg	agctacacca	ccaacggcta	ccccaccgag	120
tacatcccta	ctgccttcga	caacttctcc	gcggtggtgt	ctgtggatgg	gcggcccggtg	180
agactccaac	tctgtgacac	tgccggacag	gatgaatttg	acaagctgag	gcctctctgc	240
tacaccaaca	cagacatctt	cctgctctgc	ttcagtgctg	tgagcccctc	atccttccag	300
aacgtcagtg	agaaatgggt	gccggagatt	cgatgccact	gtcccaaagc	ccccatcatc	360
ctagttggaa	cgcagtcgga	tctcagagaa	gatgtcaaag	tcctcattga	gttggacaaa	420
tgcaaagaaa	agccagtgcc	tgaagaggcg	gctaagctgt	gcgccgagga	aatcaaagcc	480
gcctcctaca	tcgagtgttc	agccttgact	caaaaaaagc	cctcaaagag	gtctttgatg	540
cagccatcgt	cgctggcatt	caatactcgg	acactcagca	acagccaaag	aagtctaaaa	600
gcaggactcc	agataaaatg	aaaaacctct	ccaagtcctg	gtggaagaag	tactgctgtt	660
tcgtatgatg	ctggcaagac	accagaaaag	gctattttca	gatgaaatcg	atattagaag	720
ctatattagc	tgaacaact	ccttttactg	cgtagaacct	atatcgagag	tgtgtgtata	780
tgtattatag	gaggagccct	caattttatg	tattctttct	gcctttaatt	ttcttgtttg	840
tttgagctta	gggatgagat	acttatgcaa	gatatttttg	aagtaaatta	aacatttttc	900
acatctctgg	aaatttagag	ttctagacct	ctgggttaatt	tatatcta	atgaagaaga	960
cacctcta	ctggatgtta	agaatgaagt	tctgctacat	tataatgtac	agaagagcaa	1020
aagggaggaa	cactatggtt	aacctctct	tgattaaggg	ctacttaatg	cacagtgcat	1080
tatgtacaca	ggtcaaccat	ggtaacaata	gttcttagct	ttgaaactcc	atgcaaacca	1140
tgctttttt	ttaaggagca	aaaatctgag	aaaaaaagtg	agagacctct	gcctacaaaa	1200
cttcaaacca	gtcacttttg	tcaattgctt	aattaccag	ttacttatga	tttaaaaaca	1260
accaacagaa	aacatccac	agactgtatg	gcactctgta	gt		1302

<210> 3578

<211> 3466

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3173)

<223> similar to gi4314432 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3578

gagccaagg	agtccaggct	gccgggggct	gcagacatgg	agggccagag	cagcaggggc	60
agcaggaggc	cagggaccctg	ggctggcctg	ggttccctgc	ccatgcccga	gggtgttgcc	120
caaactgggg	caccctccaa	ggtggactca	agttttcagc	tcccagcaaa	gaagaacgca	180
gccctaggac	cctcggaacc	aagggttgct	ctggcacctg	tagggccacg	ggcagctatg	240
tcagcttctt	cggaaggacc	gaggctggct	ctggcatctc	cccagaccaat	cctgggtcca	300
ctgtgtaccc	ctgaagggca	gaaaacagct	actgccacc	gcagctccag	cctggcccca	360
acatctgtgg	gccagctggt	gatgtctgcc	tcagctggac	caaagcctcc	cccagcgacc	420
acaggctcag	ttctggctcc	gacgtccctg	gggctggtga	tgcttgctc	agcagggcca	480
agatctcccc	cagtcaccct	ggggcccaat	ctggcccaaa	cctccagaga	ccagaagcag	540
gagccacctg	cctccgtggg	acccaagcca	acactggcag	cctctggcct	gagcctggcc	600
ctggcttctg	aggagcagcc	cccagaactc	ccctccaccc	cttccccggt	gccagtgcca	660
gttctgtctc	caactcagga	acaggccctg	gctccagcat	ccacggcatc	aggcgcagcc	720

tctgtgggac	agacatcagc	tagaaagagg	gatgccccag	cccetagacc	tctccctgct	780
tctgaggggc	atctccagcc	tccagctcag	acatctggtc	ctacaggctc	cccaccctgc	840
atccaaacct	ccccagaccc	tcggctctcc	ccctccttcc	gagcccggcc	tgaggccctc	900
cacagcagcc	ctgaggatcc	tgttttgcc	cggccacccc	agaccttgcc	cttggaatgtg	960
ggccaggggc	cttcagagcc	tggcactcac	tccccctggac	ttctgtcccc	caccttccgg	1020
cctggggccc	cctcaggcca	gactgtgccc	ccacctctgc	ccaagccacc	ccgatcacc	1080
agccgttccc	caagccactc	cccgaatcgc	tctccctgtg	ttccccagc	ccctgacatg	1140
gccctcccaa	ggcttggcac	acagagtaca	gggcctggca	ggtgcctgag	ccccaacctt	1200
caggcccaag	aagccccagc	cccagtcacc	acctcctctt	ctacatccac	cctgtcatcc	1260
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acatggaacg	tgggcactgc	catgccccca	gacgatgtca	catccctcct	ccacctgggc	1380
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gatgcgctag	ggcccttcaa	cttcgtgctg	gtaacgcacc	cctcaccccc	tggacagcca	1560
gagaccctgc	tgaattcctg	gctccagctg	taccttggct	cactgtgggg	cccgtctggg	1620
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ttccagacca	tcctcagcct	ccagcagttc	caagggccgg	gcgcacaggg	catcctggat	1920
catgagtatg	ggctgggcct	cgtgttcttg	ttcggggacc	tgaacttccg	cattgagagc	1980
tatgacctgc	gctttgtcaa	gtttgccatc	gacagtgacc	agctccatca	gctctgggag	2040
aaggaccagc	tcaacatggc	caagaacacc	tggcccattc	tgaagggtt	tcaggagggg	2100
ccctcaact	tcgctccac	cttcaagttt	gatgtgggta	ccaacaaata	cgataaccagt	2160
gccaagaaac	ggaagccagc	ttggacagac	cgtatcctat	ggaagggtcaa	ggctccagggt	2220
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cgagccaca	tgggaatacac	agtcagcgac	cacaagcctg	tggctgcca	gttccctcctg	2340
cagtttgctt	tcagggacga	catgccactg	gtgcggctgg	aggtggcaga	tgagtgggtg	2400
cggcccgagc	aggcgggtgg	gaggtaccgc	atggaaacag	tgttcgccc	cagctcctgg	2460
gactggatcg	gcttataacc	ggtgggtttc	cgccattgca	aggactatgt	ggcttatgtc	2520
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cctggtggtg	gtggctcctg	gggacctgaa	tcgggaggcc	ctggcgccca	acagcctgtc	3120
tcctagtccc	ccagggccca	tcgggggctg	gaggaagggg	gcctggggcc	ctgaggggtg	3180
ggtaggcaga	tgggccaagg	tgaccacat	tctgcctcaa	tcttttgcaa	gcccacctgc	3240
ctctctcctg	ctgctcctcc	agctgtatct	gcacctgcct	ctctgtcctg	gccaggggtg	3300
gacaactggg	gtcccccaaa	actcagtcct	ggcacctcaa	ctgtgacaat	cagcaaagcc	3360
ccaccaggc	ccccatctgg	gatgatggga	gagctctggc	agatgtccca	atcctaaagg	3420
aggtcatcca	ttaggaaaaa	aattctacca	gacctcaaaa	aaaaaa		3466

<210> 3579

<211> 1900

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1901)...(119)  
 <223> similar to gi4530577 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3579

tttttttttt	ttgtgattat	acgtttttatt	agactcggga	ggggtatggc	agggcttcat	60
cagtgttcc	tcaaattaaa	aaaaaaatac	aaaagctacg	tagaaaacgt	cagatcagac	120
gactaaactt	tcccgaactca	gggccaagtt	cttcttgagc	ctgcgctctc	gggacgcctg	180
cgagtcggtc	tccgagtagc	ggggcggcgc	gggcgggtag	taggcctctt	cctcctcctc	240
cttggtgggt	ctcctcctct	cctccgaccc	cttcttcctc	acagcctcct	ccagtagccg	300
cccatcatag	gggaggtccc	cggacctgga	gccgttggtc	cgaggggtccc	gggtacggtg	360
gtggtgggac	ctgggggtcgg	caggagggcg	ctcccgagac	ctgaagtcgt	cgtagtgggg	420
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gctccgcggg	ggcatgtagg	cccggcttct	cctcccacca	ttactcgtgg	gagacctgct	540
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cgggggccgc	ctggcccgc	agccccccgc	ttgcctgctc	cctggcgggc	tcctgggtccc	660
atccccctggg	actccggggg	gagtggccac	cccactcctc	atccccggatc	gggggtgaggg	720
cagggccccc	ggaaggccga	gatcgccagt	cgtcctcgtg	gagggaggtg	acttcactca	780
tggcccgtc	cacacggcca	ctgggggggc	caggtcgaga	agggtcgaag	ttggccagct	840
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cgttgtaggc	agggcccatg	ggaatcatag	ctggtggggg	tggggctctg	gcgggagaca	1020
ggtgggcata	ggtgctgggg	gcataaatgc	tgggaacacc	tgaggtggct	gctttgccgg	1080
cggcatacag	ggcctcgggg	cagcagcact	tgtctgggca	gcaggggcac	ctgacgtagc	1140
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aggcagccag	gcataaccaca	accacgaaga	gccagtcttc	tatgggcccc	gcctgaaaac	1260
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cccacgccgt	ctgggtcaaag	gtcaggtcag	catttccggg	gatggtaatc	ctccggccct	1440
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gcacgctgtc	ctggcactca	acgtaggggt	tgtagcctgg	gttcccggct	gccagctggg	1560
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accttagggg	gcgcggcgcg	caccaaggcc	aggaggggtg	cacgctcctc	cccttcccac	1860
ttccgttcc	tgtccctact	ccaagtccgt	cctgttgcat			1900

<210> 3580  
 <211> 1610  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (344)...(1302)  
 <223> similar to gi2854163 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3580

ccactatcca	tgtggtggaa	ttcttctggc	gccagggggc	gacccacgt	ctacctgcag	60
cgcattccagc	tcaacaaccc	cacggagcgc	gtggccgcgc	tgcagactgt	ggggccact	120
gccggcccag	cccccaaggc	cttcaccagt	accctggaga	aggtcggaga	ccatcagttc	180
ctcctctact	caggccggtc	cccgcctacg	ccactgggt	tgggtgcacct	ggtggtggtg	240
gccgccaaga	agctggtgaa	ccgcctccaa	gtggctccca	agacgcagct	ggatgagacg	300
gtgctgtggg	tgggtgcagc	ctctggcccc	attaaccccc	agggtgctcaa	aagcaaagca	360
gccaaaggagc	tcaaggcgct	gcaggacttg	gcacggaagg	aaatgctgga	gctcttgga	420
atgccagcgg	cggagctgct	tcaagaccac	cagctcctct	gggtcagct	cttcagccca	480
ggagtggaaa	tgaagaagat	cactgacacc	cacacgccgt	ctggcctcac	cgtgaacctg	540
acgtcttatt	acatgctctc	ctgctcgcca	gccccactgc	tcagccctc	cctgagccac	600
aggagcgcag	accagatgga	gtcgacgctc	aactatgaag	atcactgctt	cagcgggcac	660
gccaccatgc	acgccgagaa	cctgtggccg	gggcggtgt	cctccgtcca	gcagatcctg	720
cagctctctg	acctgtggag	gctgaccctc	cagaagcgtg	gctgcaagg	gctggtgaag	780
gtgggtgccc	caggcatcct	gcaggggatg	gtgctcagct	ttggggggct	gcagttcaca	840
gagaaccacc	tccagttcca	ggccgacccc	gacgtgctgc	acaacagcta	tgcattgcat	900
ggcatccgct	acaagaacga	ccatatcaac	ctggccgtgc	tggcggtatgc	cgagggcaag	960
ccctacctac	acgtgtccgt	ggagtcctcg	ggccagcctg	tcaagatcta	tgcttgcaag	1020
gcaggctgcc	tggacgagcc	agtggagctg	acctcggcgc	ccacgggcca	caccttctcg	1080
gtcatggtga	cacagcccat	cacgccactg	ctctacatct	ccaccgacct	cacacacctg	1140
caggacctgc	ggcacacgct	gcacctcaag	gccatcctgg	cccatgatga	gcacatggcc	1200
cagcaggacc	ccgggctgcc	cttctctctc	tggttcagcg	tggcctccct	aatcaccctc	1260
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aagcaccgcg	cctttgtgcc	ttgttggggg	aaaccggtga	cgcagaagtg	agtgtggata	1500
caccagagtt	tgcattggaa	ggaatgagtg	tcacgtgggg	aggggaagggg	ccagtggacc	1560
ttttgtaagc	tttccactca	ataaaatgaa	cctgtatggc	aaaaaaaaaa		1610

<210> 3581

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (49)...(617)

<223> similar to gi5802258 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3581

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tctccacac	tggctcatga	ggctgcaccc	ctgcccgcgc	ggcggggccc	ccccaccacc	120
aacctcttca	ccaagctgac	ctccaaactg	acccgaagg	ttaccctcga	tccctctaaa	180
cggcagaact	ctaaccgctg	tgtttcgggc	gcctctctgc	cccagggatc	caagatcagg	240
tgcagacga	acctgagaga	atcgggggac	ctgaggtcac	aagttgccat	ctaccttggg	300
atcaaacgga	aaccgcccc	cggctgctcc	gattcccctg	gagtgtgaag	ctgaccagct	360

cgcgccctcc	tgaggccctg	atggcagctc	tgcgccaggc	cacagcagcc	gcccgcctgcc	420
gctgccgcca	gccacagccg	ttcctgctgg	cctgcctgca	cggggggtgcg	ggcggggcccg	480
agccccctgtc	ccacttcgaa	gtggaggtct	gccagctgcc	ccggccaggc	ttgcgggggag	540
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ccaacgacct	cgagctctga	gccaccacgg	tcccagggcc	cttactcttc	ctctcccttg	660
tcgccttcac	ttctacagga	ggggaagggg	ccagggaggg	gattctccct	ttatcatcac	720
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<210> 3582

<211> 2350

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2352)...(515)

<223> similar to gi5817018 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3582

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gatcatgttt	gtctgattat	taagaattct	tttttgtaac	attaactctc	taaagacaat	180
caatggactg	acatcactgc	tacaacacag	gttgctaact	gagcctctga	tcttcagcca	240
catcttgatt	ttcctaataa	tgagtaaata	ctgcctggct	aaaatgctgc	aaagtcttga	300
tgagagaaag	catcaacaga	tcaagcaaag	ccatgaaaat	tatgaagcaa	gctagagctg	360
attattagaa	ttagtaaaaa	tgattaagag	aggatgacac	aaccatacgg	gatttgata	420
ttctgattga	cactcttttg	gcagcgaatt	gggtcagcac	ctcgggcagg	gaaccaaacc	480
tgagtgaaaa	ctgctctttt	tctcctagc	tcaggccacc	aacgtcacag	ccgggactga	540
gagaactgct	gcatctgtgg	aaacttctat	tctcgtgggg	cagagattgc	actgtgaaac	600
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ccggggcctt	tcagaatggg	ccggggcctc	gggggtcttc	atccccaagg	aagcctcttg	720
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gactatttca	ttattgcttt	tggtgggaac	aactgatcta	actgcataga	tcttttcctt	2160
gacattcaca	tgagtattga	gttcagccat	cttgcttcta	gtggaatagg	ccctgggaat	2220
ccacagcaat	gttcctgaaa	gcagcctggt	ttctgaagag	ctctgaaaaa	tcaggcgcgg	2280
aaaaagtgt	ggagctcggg	tcagcccttg	gaaacccgac	caacccgggg	tgttccgcgg	2340
cctcctctgc						2350

<210> 3583

<211> 3775

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(851)

<223> similar to gi63752 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3583						
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gggagcagtg	tacatccccg	gggagcccca	caccaaggcg	ccccggggct	tcgctttcgt	180
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aaatgttgac	atgataccta	cctcacaggg	ttgttgtgag	ggttaagtga	aaggatcttt	3720
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<210> 3584

<211> 4460

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (28)...(3450)

<223> similar to gi5733391 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3584

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agcttttcca	cagaatttgg	gcctgaaaat	ctgagctgcg	aagaagtggg	atacttttgt	180
aacaaagggtg	atgatgaagg	aatccaggag	acagcagaat	cagatgggga	cacacagtca	240
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<210> 3585

<211> 1157

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (17)...(821)

<223> similar to gi4138016 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3585

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caaagtacac	acatgaccag	ctcttcttca	ttgcctttgc	ccagaactgg	tgcataaagc	660
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gggtgctggg	cagtgtgtcc	cagtttgagg	agtttgccg	ggctttccac	tgtcccaagg	780
actcaccat	gaacctgcc	cacaagtgtt	ccgtgtggtg	agcctggctg	cccgcctgca	840
cgccccact	gccccgcac	gaatcacctc	ctgctggcta	ccggggcagg	catgcacccg	900
gtgccagccc	cgctctgggc	accacctgcc	ttccagcccc	tccaggaccc	ggtccccctg	960
ctgcccctca	cttcaggagg	ggcctggagc	agggtgaggc	tggactttgg	ggggctgtga	1020
gggaaatata	ctgggggtccc	cagattctgc	tctaaggggg	ccagaccctc	tgccaggctg	1080
gattgtacgg	gccccccctt	ccctgtgttc	ttgctgcaaa	gtttggtcaa	taaatccctg	1140
ccctgttaaa	aaaaaaa					1157

<210> 3586  
 <211> 2708  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc feature  
 <222> (2707)...(1603)  
 <223> similar to gi2623162 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3586

aaaacatgt	tggcatcaat	gagatatgat	gtgccattct	aaaagctttc	tctcctgatt	60
gctttagaaa	ttaggatctg	gaaggacttt	aacatgaatt	agtttttttcg	catgtttata	120
ggccagagac	ctgcccaggc	aatgaactga	tagatttaaa	taaatattcc	cctcctaact	180
ttttccttta	gctacagacc	agacagtcca	aacacaaagc	tcagaattcc	agctccaact	240
tatttactca	gtgaatttat	tgtaaaaata	aagaaactca	attattccag	ttaatggatt	300
tcacgttaaa	tagtttaact	ttcaatgggc	tttctgaaga	gctgttcata	ggatgatatt	360
tggaagagtc	ctttccttaa	ggaaaaaaag	ggtcgaacaa	taaataaagc	agttacttgc	420
gttaacggtc	acgttatattc	attaaaagag	aggaggagca	gaaatctatg	acatagtgtc	480
ccaacatggc	atztatctgc	tgcaacagaa	agctgtaaca	ctggcgggca	tttcacagta	540
tttgcgcata	gtaaactttct	gccattgtta	aagtctgagt	tagaattatc	aatgaattct	600
tttttttttg	tctttttaaa	ttttcttgat	tttaaaaaat	gtatttgtgt	tttgcaggtt	660
ggaacgcaaa	cccagtctgg	ccacgtcccg	tgaagttgtg	gacaaaatgt	ttcagtttct	720
gttcacctct	gtgctgtgtg	gtgtatgtgt	tgtgtgcatg	tgtgtgtgtg	tgtgggggtg	780
ggggatgggg	taggtatgtg	cttttggtct	atgtttgtga	tgataactga	agtcttttgt	840
gggtccgacc	tgttgtaggg	tgtgggggaa	agtgaaggaa	gagaatgaag	gtgagtcctc	900
gccgttgcaa	accttcacca	aaccacgcgg	cccagttttc	gtgagtacct	ctgtgtccca	960
gagaggagga	cccagcgtcc	tgggtctgct	cgcaggcctt	cttgggtctg	tgggtactcg	1020
aggcagttga	gaaccttgct	gagctgagcg	ggcacctcgc	cttgccctgct	ggttcgacac	1080
ctgacccctt	ccccctggga	ttatgtacac	gcatcattgg	gcttcatgga	tgtggaaagg	1140
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gaccttgtca	gtgagttgta	ggcgttgagg	ctgggctgcc	tcgagacagt	cacggcctgg	1260
ccagatggct	gggagctgtg	cacctggatg	gagtcacccc	tctgcggggc	gggcggcggg	1320
ttgtctcccc	tgccaaagct	ctggtttctg	gagaggtgag	aggaattgga	ggagtttagt	1380
ttgtttcttt	tgagagtggg	ggcctgggtg	cttctcgtga	gcgagttcgt	ggggtagctc	1440
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ggcaggctgt	ccaggttctc	cacaagggtc	accccatggg	tgggactctt	gctgctgaga	1620
tgttccttga	tggctctata	ctccagtgtg	gcgccctggg	cctccagcgc	catctggggc	1680
acctcgctca	ttttgggctg	gtccacgtac	tcattgctgg	agccctgctg	cgtgatgggc	1740
aggaccacca	cgctggggat	gtggctgggg	gaggcccgca	ggggcagggtc	ccgtggggaat	1800
cacaggggga	gcccattggg	ggcatgtcct	ttgtgcaggc	attgatgagg	ttctgggtcc	1860
tctcccactc	gcggctgccg	cggctgggct	tccgcttctg	ctgcagcgtt	ggggttgact	1920
ctgggggtgg	gagggccgtc	aggtccaggt	ggtgctgggtc	tgctttaatg	agcatcttgg	1980
ccgtgttgcc	gggagtggcg	agcttgccgt	tgtgcatgag	tggcgtgagg	atggcctccg	2040
gctttgggtc	tttgattga	gtgtcccaaa	agaggccgct	gagcttggtg	acgctgctca	2100
tggagccccg	gcgcgagtgg	gtgagctcct	tctccttgcg	ctgcaccaca	gccacgtctt	2160
tgcgccgatg	atcacagacg	cagtagacgg	tgatgcccg	gaagacggcc	cccatgacga	2220

aagccaggat	gactgcaatg	gccaaagagg	tgacgggaac	cagctgggtcg	tggcctttga	2280
ggtaactttc	ccgaatcact	ccattcttgt	cttgggtgatt	atgggaagac	actgccccca	2340
aagggtctgt	gctgtcaggt	gagtcaagca	gatgcttcca	gtccagcatt	cctccccctag	2400
actcatacc	ctcttgagcc	gtcgaatctg	atgtgggtgt	gctgggcaag	agggaactgg	2460
aatgccatt	cagtgccaca	aaggaattgt	gacagtcccc	cagaccatct	gtattgccac	2520
gctctatgtc	ctgctcaaaa	gtcagtcctg	tgttgggtga	taaatggctg	caggcaccac	2580
cttcctttat	ccatccacaa	tatgggtctc	tggaggcaat	acagggtttt	ttacacttcc	2640
catgtcgttc	acaccggcca	aggggaacct	ttatcacaca	ggtagagaac	gcctcgtgcc	2700
gagattct						2708

<210> 3587

<211> 1754

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1756)...(1183)

<223> similar to gil657835 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3587						
ctgttcctat	cacatctcac	tcccagtagg	tgttgcatth	ttggatgaat	ctaatagttt	60
tcctttatth	tcacttttca	cgaggtgaga	ttagatgtct	gtgtgaaatg	aatgtttttac	120
tatggtccta	cacataatgt	taaaattaca	aagtaaaata	atgaggtaca	agataattht	180
tgacacccaa	atacatataa	gtatttccga	acaagatgaa	aatatctcct	ggtttctcac	240
acagagaccc	atactactcg	gaaggcagga	tatgccagtt	ttcctttgtg	gaaaagtgtg	300
tccaggcagc	aaacttaatg	aggagtgggc	agttttgtcc	ttaaaaaact	gcagggaagg	360
gttctttcca	gggagtggta	gtttgggtgt	ccaggggtgt	ggcaggggaca	ggacagctga	420
ttgatagaag	tgagggtctt	aacaaagtct	actattttaca	tcaaaatgac	ttgatgcggg	480
ctctggggcc	tctgggcctt	tgtttaaaag	atgatgtctg	aaccatgtct	ttgaaacccc	540
accagcatta	gggcttaggt	actaagcaag	tccgggactg	tatcccgggc	ttcagtgtact	600
gaccaatca	caacacgtgc	ccagttgaat	agtgtactgt	acagatcacc	cactttttaa	660
ggctccccag	aagaaatgag	cacacaaaat	ctagctgcag	aaaagccctt	tcccacatcc	720
tcctctgcct	atgtgggcac	tgaggcaact	gcctgtactg	tgaaagtcca	ccccttgtga	780
ataccactct	ttaaatccaa	attgcttcat	tgagatctta	aaaggaatct	tgaaatccag	840
atgattgggt	agaaaatgtg	acatggaatt	ttactctagc	gtcaaaaaca	cttttaaaat	900
agtcctgctt	attcaagtta	gtttctcctc	cagaaaatctg	aaattagatt	tgataagtta	960
aagattatac	aaacagggtg	gctttcaata	atttaattag	actcatgcca	aaaaaatgag	1020
cttcaggaa	atattaaata	ttattcttaa	agcaatttgg	acacagacaa	tcacacatac	1080
ataaggaatg	gagacaaaaa	gtttctccca	aaagtgccag	tgttttgttt	tgtttggaag	1140
aatgacaaca	caattagagg	taaaacaatat	tttctttggc	tccatctcca	gtttccccat	1200
cttgtctggt	cattgtcctt	gtcggtagat	ttagctttgc	ttctgttata	aacgcctgca	1260
gttgagggcg	gtgtgaattt	gagtcatggg	gggttgggga	ctcagtgtgg	gaggtgtcca	1320
aatcattttt	acaagaatcc	ttgtctgctt	catggaaagg	aagtatctga	tggccggaac	1380
cagcggctgt	ccacagtttg	tgactgacat	tcgaaggctg	agaagggtcc	accttgaggt	1440
ctacttgatg	ttcactagtc	ctcaccaagt	cagaatgaga	ttgagttgta	gggtaagtgg	1500
catcctgatg	gataactgat	ggattcagtt	tgttgaaagt	gttaaatgac	atttgtacta	1560
aagcttcatt	gatgaagaat	gagttttcat	gacataaact	ctcagatcga	ttaagttcca	1620
ttacctcggt	gccacccgga	aggagcaccg	cgggcaggct	cctctgccgg	ccgtgcttcc	1680

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agtggcccag caggctctgc tgggcccgcg tctctgctcg ctccctctcc accaggcgca 1740
ggccctcgct cata 1754

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<210> 3588
<211> 2018
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (53)...(453)
<223> similar to gi5441607 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3588
attgcccgcg tgagaattcg gacgcgctcc ggctcgtagc ccacagccca ctgccggcg 60
ctgggcgctg ccgaggctcg gggcgcgcg c agttggcgctc tgccagtgcc aagactgtgc 120
cgccccaca gccgaggcgc gaaaggggga cgcccgccct ctgggcccgt gccttcgctt 180
tctcttcggt gttgcgaacg ccgtccgctc aggaggcgcc ccgcgaccgg cgcgatgagt 240
gccaacgagg accaggagat ggaactagaa gcattacgct ctatttatga aggagatgaa 300
agtttcgggg aattaagtcg agtttctttt caatatagga taggtgaaaa tggatgccc 360
aaagccttct taatagagat ttcttgaca gaaacatata cccaaacacc tccaattcta 420
tctatgaacg ctttttttaa caacaccata tcatcagctg taaagcagag tatattagcc 480
aagctacagg aagcagtaga agctaattctt ggaaccgcta tgacctatac attgtttgaa 540
tatgccaagg acaataaaga gcagttcatg gagaatcaca atcccatcaa ttccgcaaca 600
tcgataagca atatcatctc aattgaaact cctaatacag ccccatcaag taagaaaaaa 660
gacaaaaaag aacaactttc aaaagcccag aagcgtaagc tggcagacaa aacagatcac 720
aaaggagaac ttcttcgagg ctggaactgg gttgatgttg tgaagcattt aagcaaaact 780
ggctctaagg atgatgagta gcacttgga tttgagacaa ggaaagagca ttctttaaag 840
agtaaaactg ggttcaaaat ctttcattac tattttctgg tattgaggcg actttttata 900
aaacacaatt ttttgtatgt ttcttacatt aaaaagggtg taagttgaaa gttcatgaag 960
agatcttggt gtattaaatt attttcacaa acttgccctt ataaaagggtg aaaatgttac 1020
tgtttagtat actttatgaa gcccttgag ctttataaat ggacaggcat ggggaataag 1080
aatcagtggt aatttaaagt atcttatcct ggtggatgtg ctattttctt aaaggagtat 1140
gaagcccttt tcaaactatc atcccagtg agcggagtac tcagtgaaca gttactccat 1200
agtgaatcc atattaatag gcttcttctc ttaagtcttc atctcttctt ttgcttaatt 1260
actgaaccgt aaattacttc agagaaattt aaatgctggg atttgaactt tatacatgat 1320
actttttgta gtttctttta atttttgaaa gatgaactgc ttctttttaa taaattaata 1380
tctatttata ctttctctct gatttgggtc aagatgtttg atcatgagtg ctttgagtg 1440
tatgtggaat aggagaatat aaaaacaaat ctgccaaata cactagaaag cattttagta 1500
agaaatgctg gccctttctt aaaacatttc tcttgcatat accaggatgg gagtaaaaga 1560
tgcttaata tttagttttt gtattgttgg agacattgat tttaataaaa tcctatttat 1620
ctgctgttgt gtgcttttag ttgttgata actgaggtct cctaaatggt tcaacataaa 1680
accacatttc aagtcctgtt tctttttgga gtgtcttttc aagtattcaa atgtatttct 1740
caacctgagc atctttttta tcatatacat gggagtcttt taaatgctga actgttacac 1800
atgcttgatt taaaaataat aataatagag gaaactattg gtctagttgt gccaagaaaa 1860
gtttctgatg tttatgtgtg atgtacagtg atttgtata tgcgcccagc tttagaaca 1920
cataaaacta ttacgtctgg taggaagatt gttagtgcct caagttacac ctgtgcagct 1980
tggtctgag ttttgataga acagtaaaaca tttaaagc 2018

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<210> 3589  
 <211> 1490  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1493)...(1133)  
 <223> similar to gi4884100 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3589  
 tttttttttt ttaaggatga gaagagattt tagttattca gtgttttcat gagtttcaac 60  
 atagggatat agatacaatc agcttcttac atagtttact atctggggag agaacatgaa 120  
 agacactggt taacagtgca aataattcca ggggaataaat atacatgaat gtgttttttc 180  
 aaaaatacca ggttctttat acaaattgtat aacctaaata ctgatcccca tagtgggggt 240  
 gggttgtaac tgaaaggggc tttgaggaaa agggctttgg aataaaaacta ggtcatccac 300  
 cctagcccaa agatcccttt ccagccagg cacaaaaggg aatttggtta gggaggaaca 360  
 gaggtttaac tgttcaggta tctttcctaa ttctggtaaa ttttcccca agttttgaaa 420  
 aatacccatg gaagaatcct taggaatgcc cagtaacca gggaaatggg atatttgga 480  
 tatccacaac atcctacagg ctataataca ctccgaatgc cttctcaatg tggggaagta 540  
 tgagaagtta gataattctc ctagtgtctg gcttctttt tctttgccgt tccctctcat 600  
 acgttcaatc accctgtggt acaggacaca cagtaagtag tgggaagggtg ttaagacttt 660  
 gacagcaaag caaggtcaga ggtagagggg aatgtttaac caatcaatgt tcaaataata 720  
 gctactcaat gaagagtttt aggtttaaag agcgagaata ttcaccatta ctgagaaatc 780  
 taaagtttct cattcaattt cgcattgcac tttgctacca caaactaaat ggggtgtacat 840  
 ttttgagtgc tgatttatta ctcaaagggt tgaatttgga gactgaaaca aaccatgctt 900  
 tatctgtgta ctttgagaaa atccatccac aagaaaggag ccaagcgtca gtttccaatg 960  
 gggggaacat tctcatggag gtactgtaag gctaagtctg tccacttcat ttcttgttct 1020  
 ttgacagatt ctgtggtgcc accattgtct tgttcagggt caggaagctc attcagtggg 1080  
 attgcgacat cctcataagg cagcttgtct tctcgccaag catcatcaat caaatccaag 1140  
 atccttccac ctctctgaac ctactgtcc attttcctgc agctttgate ttgtcaaate 1200  
 gtacgacagg ccgtccctca gctgcggctt cctgcctaca ggcaggatgt accaaacgtg 1260  
 gaagcggaga cggggaggtc tgggggtgcc acgcaagtcc ctttctctcc gacacgagtg 1320  
 cagtaaagaa aaacggttat gagcgtaaag tgacagctc ggccgatggg aatagggggr 1380  
 aagtccgaca ctgagcaacg aacgcattcc cgcgcctcca aaacctaggc cgggggcgct 1440  
 ggaaaccctt accggcaccc ggccaccgcg gcagacgctt gctcctgcca 1490

<210> 3590  
 <211> 2177  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (2)...(977)

<223> similar to gil916617 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 3590
cggttcctgtg gaagcgggcg aggagtgtta ctgcgtttcc tggccaggag tgccgcgacc      60
tctgctgctt tgctcacaac tgctcgtgc gcccgggggc ccagtgcgcc cacggggact      120
gctgcgtgcg ctgcctgctg aagccggctg gagcgtgtg ccgccaggcc atgggtgact      180
gtgacctccc tgagttttgc acgggcacct cctcccactg tccccagac gtttacctac      240
tggaaggctc accctgtgcc aggggcagtg gctactgctg ggatggcgca tgtcccacgc      300
tggaagcagc gtgccagcag ctctgggggc ctggctccca cccagctccc gaggcctgtt      360
tccaggtggt gaactctgcg ggagatgctc atggaaactg cggccaggac agcgagggcc      420
acttcctgcc ctgtgcaggg agggatgccc tgtgtgggaa gctgcagtgc caggggtggaa      480
agcccagcct gctcgcaccg cacatggtgc cagtggactc taccgttcac ctatagtgcc      540
aggaagtgc tttgtcgggga gccttggcac tccccagtgc ccagctggac ctgcttggcc      600
tgggcctggt agagccaggc acccagtgtg gacctagaat ggtgtgccag agcaggcgct      660
gcaggaagaa tgccttccag gagcttcagc gctgcctgac tgccctgccac agccacgggg      720
tttgcaatag caaccataac tgccactgtg ctccaggctg ggctccaccc ttctgtgaca      780
agccaggctt tgggtggcagc atggacagtg gccctgtgca ggctgaaaac catgacacct      840
tctgtctggc catgtcctc agcgtcctgc tgccctctgt cccagggggc ggccctggcct      900
ggtgttgcta ccgactccca ggagcccatc tgcagcgatg cagctggggc tgcagaaggg      960
accctgcgtg cagtggcccc aaagatggcc cacacaggga ccacccctg ggcggcgttc     1020
accccatgga gttgggcccc acagccactg gacagccctg gccctggac cctgagaact     1080
ctcatgagcc cagcagccac cctgagaagc ctctgccagc agtctcgct gaccccaag     1140
cagatcaagt ccagatgcc aatcctgccc tctgggtgaga ggtagctcct aaaatgaaca     1200
gatttaaaga cagggtggcca ctgacagcca ctccaggaaac ttgaactgca ggggcagagc     1260
cagtgaatca ccggacctcc agcacctgca ggcagcttgg aagtttcttc cccgagtggg     1320
gcttcgacct acccactcca ggaacccaga gccacattag aagttcctga gggctggaga     1380
acactgctgg gcacactctc cagctcaata aaccatcagt cccagaagca aaggtcacac     1440
agcccctgac ctccctcacc agtggaggct gggtagtgct ggccatccca aaagggctct     1500
gtcctgggag tctggtgtgt ctctacatg caatttccac ggaccagct ctgtggaggg     1560
catgactgct ggccagaagc tagtggtcct ggggccctat ggttcgactg agtccacact     1620
cccctggagc ctggctggcc tctgcaagca aacataattt tggggacctt ccttctctgtt     1680
tcttcccacc ctgtcttctc ccctagggtg ttcctgagcc cccaccccca atcccagtgc     1740
tacacctgag gttctggagc tcagaatctg acagcctctc cccattctg tgtgtgtcgg     1800
ggggacagag ggaaccattt aagaaaagat accaaagtag aagtcaaaaag aaagacatgt     1860
tggtatagc cgtggtggct catgcctata atcccagcac ttggggaagc cggggtagga     1920
ggatcaccag aggccaggag gtccacacca gctggggcaa cacagcaaga caccgcatct     1980
acagaaaaat tttaaaatta gctgggcgtg gtggtgtgta cctgtaggcc tagctgctca     2040
ggaggctgaa gcaggaggat cacttgagcc tgagttcaac actgcagtga gctatggtgg     2100
caccactgca ctccagcctg ggtgacagag caagaccctt gtctctaaaa taaattttaa     2160
aaagacatat tacactt                                     2177

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<210> 3591  
<211> 489  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (490)...(41)

<223> similar to gi4096055 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3591

tttttttttt	ttacagattt	tggtttttat	tctggccatc	acacatctac	ttctaagaca	60
acacagaccg	gcagtacccc	atcccccatg	accactgtca	caaccccaat	ttctcagcc	120
ccctcctccc	acccaccccc	ttctgccaa	ctccccgtat	gggggctctg	cctacacctc	180
acccggggca	tgcagcatga	agtgcccggtg	cagctcccc	agggtgtcga	aggaaatcctc	240
acattccgta	cagtggtagg	ttccctcctc	ctcctcttcc	tcctcctcct	cccggccagc	300
tggtcggccc	tccccagccc	gaggtgggttc	ctcctcttcc	tccccgaggg	ccctgccttc	360
aggggctggt	gcttctctggg	gggctgtagc	agggcagcag	aacctgcagg	gtgggggttcc	420
cgggtggggcc	tccccaaggg	gtgagcggcc	acagagctgg	caaggctggg	ccgggggctg	480
ggctgcacg						489

<210> 3592

<211> 933

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (875)...(252)

<223> similar to gi212659 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3592

tttttttttt	ttaacgggaa	aggatgagtt	acgtttattg	cccatccct	tcactgaatg	60
tttacattaa	caaacaccaa	agagcaaact	gggttccta	cactgggcca	tgcagaggac	120
aggccaagaa	actccacatc	ataacagcct	cctgatgcct	gggttggtg	ggagtcaca	180
tgaggtgctt	tgatttcttc	tgcagactct	cggatgatga	tgctacaact	gacttatcat	240
ctttgtcata	gacggtgagc	gtgcagctgc	tgcggtcct	tgcccagctc	gttctccacc	300
agcacgctgt	aatcgccgct	gtccttgagc	gcgcaggtgg	ggatgacgag	gggtgcacacg	360
ccgctgggtg	agttgtacca	gaacttgag	ttggccgtga	tggtgacgtc	gcccttgtag	420
agggtcactg	tgggcccggg	gttcccaagg	aaggcgcagg	tcattggtgca	gtcctggccg	480
cggagcaccg	tgtgtggctt	gaggggcgtc	acgaagcgcg	gcgcgtggcg	ccagtccttc	540
ttctcgtagg	gcttgagctt	ggcgctcagg	tcctggatct	ggtccttatt	gatgagccag	600
gtgtccctgg	agtcaagtgg	ctcactgtca	ccgatttcat	tccgagccac	cactctgaag	660
tagtacttcc	tgcttgggag	cagccccgtc	actgtgtact	tggtgctgaa	gacacgctcg	720
gctgccgtgt	accaggtggc	tgtgcttgca	tcccgttca	tgatgatgta	gtgagcctca	780
ccgtcctcct	gcacatctgg	gctgtgggttc	caggtcagag	tcactgtgtt	ggggacttcc	840
tcaaacaacc	gtaggtttgt	ggggggccga	gggaaatctg	gaagagttgg	aagatctgtc	900
agcgaccttg	gggcacctga	agtattatgt	ccc			933



<210> 3593  
 <211> 1779  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (146)...(955)  
 <223> similar to gi2462828 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3593

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ctgcaccgat	aacttgtacg	tggcgcgcta	tgggctgcac	gtgcgcttcc	gaggcgagca	120
gcagctgcgc	cgggactacg	gcccgatcct	gcgcagccga	ggctgtgtta	gcgccaagga	180
cttccagcag	ctgttagcag	agcttgagca	ggaggtggag	cggcggcagc	ggctggggca	240
ggagtacgca	gctaggaaaag	ccctcatcgc	gagttcctac	cacccggcac	ggcctgaggt	300
ctacgactca	ctgcaggatg	cagctctggc	ccccgagttc	ctggccgtga	ctgagtacag	360
cgtgtcccca	gacgcagacc	tcaagggcct	tctccagcgg	ctggagacag	tatcggagga	420
gaagcgcac	taccgggtgc	ctgttttcac	agcgcccttc	tgccaggccc	tgctggaaga	480
gctggagcac	ttcgagcaat	cggacatgcc	taaggggagg	cccaacacca	tgaacaacta	540
cgggggtgctg	ctgcacgagc	tcgggctgga	cgagccgctg	atgacaccac	tgcgggagcg	600
cttcctgcag	ccgctgatgg	ccctgctgta	ccctgactgt	gggcgggggc	cggtcgcaca	660
gccaccgggc	ctttgtggtc	aaatacgcac	cgggccagga	cctggagctg	ggctgcccac	720
tatgataatg	ccgagctcac	cctcaatgtg	gccttgggca	aggtcttcac	agggggcgcc	780
ctgtattttg	ggggcctctt	ccaggcaccc	acagccctga	cggagcccct	ggaggtggag	840
cacgtggtgg	gccagggtgt	cctccaccgt	ggcgccagc	tgcatggagc	ccggcccttg	900
ggcactggtg	agcgttggaa	ccttgtcgtc	tggtccgag	cctctgctgt	gcgcaacagc	960
ctctgtccca	tgtgctgccg	tgagcccgac	ctggtggacg	atgagggctt	cggtgatggc	1020
ttcacccgag	aggagcccg	cacggtggat	gtatgtgcgc	tcacctgagc	ttgcttgggc	1080
ccagtgtggg	ggtggcaggc	aggtgagggc	tccgttgcc	tggtctgggg	gcagaaataa	1140
aatccccgca	gcctactgca	cttcttggt	caacggtgtg	ccagcttctg	ggtcattcta	1200
tggggcaaag	atgctgcctt	agttcagggt	tgtcagaagc	agggctctga	atggggcttc	1260
agcgagggag	tcagggaagc	aggggagggg	agggagcagc	tgggcaagga	agtggcttca	1320
gaggacgtcc	agcctcagct	ggccccacgg	agagctccag	gcagagccca	cagtaccaca	1380
gtgtgcccac	accaccggtt	actggctcct	ggatgagggg	gccagagagg	agtgaataac	1440
ttcccagaca	cttacctcca	gggcagggtg	ccttccagta	gccaagggaa	gcctccagag	1500
agcacagatg	tgaacctca	gcagcaggca	tcacccccca	gtggactcgg	gtggggccacc	1560
agtagcatct	tctagatggc	agaggggtga	atggcagggc	caggaaccag	gctgcccggg	1620
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tgccttcggt	tcctcattta	gccccctac	cctagagctg	ttttgggagt	caaatgcgct	1740
gacgtatata	aagtgccttg	caagatcaaa	aaaaaaaaa			1779

<210> 3594  
 <211> 819  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (2)...(820)

<223> similar to gi5410527 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3594

atccccacat	tgccaggtac	cagaaacaca	gaagactgac	acccgccact	taagtggggc	60
cagggctggt	gtctgcccac	gttgccatcc	tgatgggctg	cttgccacaa	tgagggatct	120
tcttcaatac	atcgcttgct	tctttgcctt	tttctctgct	gggtttttga	ttgtggccac	180
ctggactgac	tggttgatgg	tgaatgctga	tgactctctg	gaggtgagca	caaaatgccg	240
aggcctctgg	tggaatgcg	tcacaaatgc	ttttgatggg	attcgacact	gtgatgagta	300
cgattccata	cttgccggagc	atcccttgaa	gctgggtgga	actcgagcgt	tgatgattac	360
tgcatatatt	ctagctgggt	ttggatttct	caccctgctc	cttgggtctg	actgcgtgaa	420
attcctccct	gatgagccgt	acattaaagt	ccgcactctg	tttgttgctg	gagccacgtt	480
actaatagca	ggtaccccag	gaatcattgg	ctctgtgtgg	tatgctgttg	atgtgtatgt	540
ggaacgttct	actttggttt	tgacaaatat	atttcttggt	atccaatata	aatttggttg	600
gtcctgttgg	ctcggaatgg	ctgggtctct	gggttgcttt	ttggctggag	ctgttctcac	660
ctgctgctta	tatcttttta	aagatgttgg	acctgagaga	aactatcctt	attccttgga	720
gggaaagcct	attcagccgc	gggtgtttt	ccatgggcca	agtcatactc	agccccctgc	780
acagagacgg	ccaaaatgta	tgctgtagac	acaaggggtg			819

<210> 3595

<211> 1843

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (258)...(1366)

<223> similar to gi4586963 in the genepept database release 114;  
Run with FASTXY 3.3t00, default parameters

<400> 3595

ctggatttca	tacagtgaca	gagggagtgt	ttttagaaat	ttatagctgt	ttctaggtga	60
aaacactggg	tgatttagct	cccttggtta	gagcactgag	cagaaagaag	ttccctatca	120
aatgggtgtg	tggagcagcc	ctgttctccc	catcccgtag	agctccagga	agttaaccag	180
ggacttcagc	tgcgacctgc	agatttctaa	gccccctgt	tatttctctg	tcttttacgg	240
gcctgtgtat	ttcagacttg	gtgggtggcag	tcaacggggg	ctggatcctc	gtggagacat	300
ttatgctgaa	aggtgggaac	ttcttctcca	agcacgtgcc	ctggagttag	ctcgtctttc	360
taactatcta	tgggttgagg	ctgttcctga	aggttgccgg	cctgggcccct	gtggagtact	420
tgtcttccgg	atggaacttg	tttgacttct	ccgtgacagt	gttcgccttc	ctgggactgc	480
tggcgctggc	cctcaacatg	gagcccttct	atttcatcgt	ggtcctgcgc	cccctccagc	540
tgctgaggtt	gtttaagttg	aaggagcgct	accgcaacgt	gctggacacc	atgttcgagc	600
tgctgccccg	gatggccagc	ctgggcctca	ccctgctcat	cttttactac	tccttcgcca	660
tcgtgggcat	ggagtcttct	tgcgggatcg	tcttcccca	ctgctgcaac	acgagtacag	720
tggcagatgc	ctaccgctgg	cgcaaccaca	ccgtgggcaa	caggaccgtg	gtggaggaag	780
gctactatta	tctcaataat	tttgacaaca	tcctcaacag	ctttgtgacc	ctgtttgagc	840
tcacagttgt	caacaactgg	tacatcatca	tgggaaggcgt	cacctctcag	acctccctac	900

ggagccgcct	ctacttcatg	acctttttaca	ttgtgaccat	ggtggtgatg	acgatcattg	960
tcgcctttat	cctcagggcc	ttcgtcttcc	gaatgaacta	cagccgcaag	aaccaggact	1020
cggaagtga	tggtggcatc	acccttgaga	aggaaatctc	caaagaagag	ctggttgccg	1080
tcctggagct	ctaccgggag	gcacgggggg	cctcctcgga	tgccaccagg	ctgctggaga	1140
ccctctccca	gatggagaga	taccagcaac	attccatggt	gtttctggga	cggcgatcaa	1200
ggaccaagag	cgacctgagc	ctgaagatgt	accaggagga	gatccaggag	tggtatgagg	1260
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agcagccccc	aggcagccgc	cagcgctccc	agaccgttac	ctagcccagc	gcccgaagc	1380
cgtctcttct	atgcaataac	acaatagtat	tactctactg	cgatgtacgg	aactgcggtg	1440
tgtgtacaca	tactcacgta	tatgcacata	tttatataca	ggaagaaaaa	agacagacaa	1500
gatggggctt	ggttttataac	caccttgccc	tgtcttcctt	aactccagaa	gccagtttgg	1560
tgaggggtgg	gggtgcggcc	accaggtctg	agctcttcct	actgtggaag	gtccagaag	1620
gcccttcaca	aggagacccc	tcacctggat	ccagtcgact	gcggggcttg	cccctcatgt	1680
gggctggcct	ccatcgccca	cgtccaaagc	tgctactgct	actgcttcag	gtccacatcc	1740
ccccgacctg	atggcggtgc	cgccccctct	ccctgcgggc	catgccacag	gtttctgtgt	1800
tttgctttag	ggacagaacc	acttaggaag	gaaagaactc	ccg		1843

<210> 3596

<211> 4917

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3)...(4917)

<223> similar to gil136426 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3596

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tggtggagcg	cgacaactgc	ctgcaccgcc	tctacggcgg	cttctacacc	gactgggtca	180
gcggcgccca	gtggaaccac	atgcttggtc	acctggcggc	gctggccaag	gcctgcttcg	240
gcggcaacat	cgagctcttc	gtcttcttca	acggcgcgct	cgagaaggcc	cggctgcacg	300
agtgggtcaa	gcggcagggc	aacgagcgcc	agacggcaca	gcagatcgtc	agccatgtcc	360
agaacaagg	caccccgccg	ccaaaggtct	ggttcctgcc	gcccgtctgc	atggcccact	420
gcatccgcct	ggcgctcatc	cgcttccacg	tcaaggttgc	acagagcatt	gaggatcacc	480
atcaggaagt	gattggtttc	tgcagagaga	atggtttcca	tggtttggtt	gcgtatgact	540
ctgattatgc	actgtgcaac	atcccctact	atttcagtgc	ccatgcccta	aaactgagcc	600
ggaacgggaa	aagttctcac	cacaagccaa	tatctgatgc	atgaagttgc	caagcaactg	660
gacctgaatc	caaactgttc	tcctattttt	gctgctctct	taggaaatca	cattctgcct	720
gatgaagatc	tggtctcctt	tactggaggt	ttacttggtc	cagaacatcc	actagcctca	780
ctaaagggtc	gggcccacca	gctgggtctg	ccaccttgcg	acgtagtgtg	caaagccgtt	840
gctgactatg	tacgcaacat	tcaggacacc	tctgacttgg	atgccatagc	taaagatgtt	900
ttccagcatt	cacagtctag	aacagatgac	aaagtatttc	gatttaagag	agcaattgga	960
tattattcag	cgactagtaa	gcctatgtca	tttcatccac	cacattactt	agcagccaga	1020
cccggctcgt	ttggaatgcc	tggtgatggtg	ccgcccgcag	ttcctcctca	gatgctcaac	1080
attccgcaga	cctctctgca	agcaaagccc	gtggccccac	aggtgcccag	cccagggggc	1140
gccccggggc	aggggtccata	cccgtacagc	ctctctgagc	cagcacctct	cactttggac	1200
acgagcggga	agaatctgac	ggagcagaac	agctacagca	acattcctca	cgaaggggag	1260

cacacgccgc	tgtatgagcg	gtcctcgccc	atcaaccg	cccagagcgg	cagccccaac	1320
cacgtggatt	cgcctactt	ccctggctct	tctacatcgt	catcttccga	caacgacgag	1380
ggcagcggag	gggcgacaaa	ccatatcagc	gggaacaaga	ttggctggga	gaagacggga	1440
agccactcag	agcctcaggc	acgaggagac	ccaggagacc	aaacaaaggc	agaaggctcg	1500
tccactgcct	cttcaggaag	ccaactagcc	gaaggcaagg	gaagccagat	gggcactgtc	1560
cagccaatcc	cgtgcctect	gtcgatgccc	accaggaacc	acatggacat	caccacacct	1620
ccctgcccc	cgtgcgcacc	tgaggtgctg	agagtggccg	agcacaggca	caagaagggg	1680
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gcttttagaa	agaacagact	tccaccagaa	ttttcaccag	tgatcattaa	agaatgggca	1920
gcttacaaag	gaaagtctcc	tcaaaccccg	gaactggttg	aagctcttgc	cttcaggggag	1980
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aacgtgcccc	ctcacctcat	ggtgctctgc	tgctctttac	ggtacatggt	gcagtggccg	2160
ggagcacgca	tccttcggcg	tcaggagcta	gatgccttcc	tggtcaggc	gctgtcccc	2220
aaactctacg	agcctgatca	gtccaggag	ctcaagattg	agaacctaga	tccccgagga	2280
attcagctat	cagctctctt	catgagtggg	gtagacatgg	ccttgtttgc	aaatgatgca	2340
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ggtcaggctg	atcaggctgc	caaggtagag	aagatgcgcc	agagcgctct	cgaggggctc	2520
agcttctcca	ggcagagcca	cacgtccct	ttccgcgcgc	cacctgccct	gcccttctac	2580
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ggagtatttt	ccacccctgt	gattagaaca	tttgggaagag	gtggaaggta	ctatggcaga	3000
ggttacaaaa	accaggcagc	aattcagggc	agacctcctt	atgctgcttc	agcagaagaa	3060
gtggccaaag	aacttaagtc	aaaatctggg	gaatcgaagt	cctctgctat	gtcttcagac	3120
gggtccctgg	ctgaaaacgg	agtgatggcc	gaggagaagc	cggctcccca	gatgaacggg	3180
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aaggatgctg	gaagggtaa	gatttaggaa	tatctggaga	gaaagagagc	ctgcagttat	3420
gtacattttg	tcctttccgt	aagagaaaaa	tgaggacttt	ggaaattcag	atccctcttt	3480
gatatcagag	atttaaacia	cacattttta	gttttaacca	gttgtagtca	aaatgctaca	3540
ataaaacaaa	aaagagaaa	aaaatgaaga	gcatttgact	ccgcactta	aaatgaagta	3600
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aaaacaaatt	ttggcagctc	ttaagtatat	atagcttaaa	atataatttt	tagcatttgg	3720
caccatattg	atgccattat	atttgatttt	gcattactgt	ttcacaatga	agctttcttt	3780
aaggctttga	tttttatgat	tatgaaagaa	ataaggcaca	accacagttt	ttctttctta	3840
aatttcattca	ctgttgatgt	ggttcttttg	tgttaaaaaa	aaaaagtgca	actatcaaaa	3900
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ctgcatgggt	cataattttt	aaagtgtgta	gttaatatgc	atgttatcgt	cctttcttcc	4200
attcttaaca	gtatgtgccc	atttgcaaaa	caaaaatgct	aataatcagt	aatagtccta	4260
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tatcaacatt	accctggtgt	attcactgct	gtatgcatta	ttgttctttg	ttgtgttttt	4440
atgccttcat	attagcaaat	atgaaattct	gtgaaaaaaa	accctttgat	cttaaaaaaa	4500
aaaaaccacc	cccccttct	gtagcaggaa	acaaattgct	tgttcttgag	aactttccca	4560
tcaagaattt	agtagaagca	ggtatacttc	tatcattttg	atgtttttgt	taatgtttcc	4620
aaacaatgta	ctttgaaatc	agaatcactt	cttatcgttt	tcatatactt	ctgatgctct	4680

tcatcacatt	agtgatcaga	aatgaggtgt	aattccccaa	cccctgcccg	caagagctaa	4740
gtaggatctt	actgtaagtt	gaagggagtt	ttgccctaac	tcatggattg	tgcaagaatg	4800
aactgctgtt	gggttttgatt	gactgtcgat	ggattgtggt	gtggtgtatc	tgaaggctat	4860
tgaatgcaac	ttacaatgct	taataaaaaat	ctttattctt	ttagtataaa	aaaaaaa	4917

<210> 3597

<211> 2401

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(1608)

<223> similar to gi4102707 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3597

cagcttcccc	gtcaggtacc	tgggtcacgt	ggaggtagag	gagtcceggg	gaatgcacgt	60
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gtgggtgtca	gccgatgggc	tccgagtggg	ggacgacaaa	accaaggatc	ttctggtcga	180
ccagaccatc	gaaaaggtct	ccttttgtgc	tcctgaccgc	aacctggaca	aggctttctc	240
ctatatctgc	cgtgacggga	ctaccgcgcg	ctggatctgc	cactgttttc	tggcactgaa	300
ggactccggc	gagaggctga	gccacgctgt	gggctgtgct	tttgccgcct	gcctggagcg	360
aaaacagcga	cgggagaagg	aatgtggggg	cacggccgcc	ttcgatgcca	gccgcaccag	420
cttcgcccgc	gagggctcct	tccgcctgtc	tgggggtggg	cggcctgctg	agcgagaggc	480
cccggacaag	aagaaagcag	aggcagcagc	tgccccact	gtggcttctc	ggccctgccc	540
agcctgggca	cgtgtccccg	acaccagcca	ccacatcccc	tgtgtgagaa	gggtgaggca	600
ggcacccttg	tggctgcagg	caccactgcg	gccgccatcc	cccggcgcca	tgcacccttg	660
gagcagctgg	ttcgccaggg	ctccttccgt	gggttcccag	cactcagcca	gaagaactcg	720
cctttcaaac	ggcagctgag	cctacggctg	aatgagctgc	catccacgct	gcagcgccgc	780
actgacttcc	aggtgaaggg	cacagtgcct	gagatggagc	ctcctgggtg	cggcgacagt	840
gacagcatca	acgctctgtg	cacacagatc	agttcatctt	ttgcccagtg	ctggagcgcc	900
agcaccaggg	gccaccacct	gccacaacag	ggacttctgc	ctgggggtgag	ccctcccgtg	960
cccctgcag	ctgccttcca	gcctgggcac	aagcggacac	cttcagaggc	tgagcgatgg	1020
ctggaggagg	tgtcacaggt	ggccaaggcc	cagcagcagc	agcagcagca	gcagcagcaa	1080
caacagcagc	agcagcagca	acagcaacag	cagcaagcag	cctcagtggc	cccagtcccc	1140
accatgcctc	ctgccctgca	gcctttcccc	gcccccgctg	ggccctttga	cgctgcacct	1200
gcccgaagtgg	ccgtgttctt	gccaccccca	cacatgcagc	ccccctttgt	gcccgcctac	1260
ccgggcttgg	gctaccacc	gatgccccgg	gtgcccgtgg	gtgggcatca	cacctcaca	1320
gatggtggca	aacgccttct	gctcagccgc	ccagctccag	cctcagcctg	ccactctgct	1380
tgggaaagct	ggggccttcc	cgccccctgc	catacccgat	gccccctggg	gccaggcccc	1440
ccctcgcccc	aatggggccc	cctggcccc	tgagccagcg	cctgccccag	ctccagagtt	1500
ggaccccttt	gaggcccagt	gggcggcatt	agaaggcaaa	gccactgtag	agaaaccctc	1560
caaccctttt	tctggcgacc	tgcaaaagac	attcgagatt	gaactgtagc	ccgagccgcc	1620
ccaccctctc	catcatctcc	aggtgcccc	cgctggggg	tggaggcaca	acctctcccc	1680
taaccctgct	ccctgggggt	gcgccccctc	acaccctctc	aacaccccc	tccctcaacc	1740
accccgacaa	ccactacaga	accaacattg	tgacgcccag	gttgcaacag	gatggaattc	1800
agggacggac	ccagcctggc	taagggaacc	atttctactg	cggacttagg	ctggcaatgc	1860
ccccttcccc	aacccagac	acaggggttg	gccacaatcc	cactgaatgc	ccttgggttca	1920
cactccattt	cccagtttct	gttgaccccc	accttccagt	gttgagacag	atggaggggg	1980

gacacttgct	taggggctct	cctgggcccc	acaccagtgc	ccaccccaaa	tctggtcgtc	2040
tcctcccccc	atgcacagca	caagctaagg	gctgcccctc	gcccacacgc	tgcgttcact	2100
gccaatgctg	tactcacctc	catcacctc	caactttggg	gcccattgtc	tccttggggc	2160
aagggtctcat	gggggctagg	gccaaagtgg	gggcccagga	ggcggggagg	gaggaggagg	2220
agaagatgcg	cagttacctc	atgtcgggtc	ccgctgggga	ggggtccggg	aagaagggga	2280
aggggtgcct	ggcgggtact	tttctatctt	ttatttccag	atTTTTTTTg	tatctaaact	2340
tgaagatttg	tattatacaa	ggacagccaa	taaaggaaga	atataatggt	gaaaaaaaaa	2400
a						2401

<210> 3598

<211> 1033

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1033)...(331)

<223> similar to gi3746840 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400>	3598					
TTTTTTTTTT	ttagtgcaag	aaatgctgca	tcattgaagc	acttgagaat	taccatgaaa	60
tctaacaaaa	aatgtcatca	actcaggagt	aataataaaa	aagagaaaca	accagagagg	120
cacacagatt	gttgTTTTTT	taaaaggatt	tttatactat	attaaaaaac	cacaaaaataa	180
aaaagggatc	aatcaacata	tatcttagaa	gtccttccaa	gagtcttggt	atgcaacagc	240
catggaggct	gtgacctttt	tccttctttt	ctcagcctgc	agttcattta	aggatcaccg	300
gagatgactc	gtgctctagt	tcttaaaatc	aaacttggtc	tgccaaatcc	aagaccctga	360
atTTgtccaa	attgtagaaa	catgctttta	ccaccgctcc	accaaatac	ctccattca	420
agtcaacaac	cgctttaatt	gctgattcaa	ctctctcaaa	ttctaaaaat	atccgtactg	480
cttcatcatc	aggggaccca	ggaatttcaa	atatcacaca	ttttccaact	ttgccatatt	540
tttcacattc	ttccttggtt	tcaacttcca	agtcttcac	cacctctccc	gcaccaacca	600
tgTccttag	taagaccact	ttagtaggac	acttaagtat	ttcagtcagc	ggatttgaat	660
ctgacttctt	ggatgcatct	ttctctgtgg	cgTcgccac	gatgatcttg	ccgccacgct	720
tgctggTctt	ctccactgac	aaggcagtgc	tcaggccctg	ctcatgcttc	cccagaccct	780
ggccctcccg	gaagccgtac	ttctgcatga	tcttgTgcgc	caccgtgccc	cccaagttag	840
cgaggaagga	gttgcgctgg	gccgggttgg	agatctcggt	ctgtcttggt	cctcgtacac	900
tgggggagga	atggcagttt	tggaagactg	tgatcgaggt	cttgagtcct	cttcataagg	960
aaaatctcgg	ggtaactgtc	ttttactgcc	agagaagtgg	gtgaggcaat	ggcagctccg	1020
cccatacttg	ttt					1033

<210> 3599

<211> 1471

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(1472)  
 <223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1436)...(738)

<223> similar to gi3165570 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3599

cctttttttt	tttttttaggt	tttagcagca	cttttacttc	cacatccaaa	ctccctgggt	60
cctcacaaca	gccctgtgag	gtaggtaggg	taggaagggt	tcagagatcc	ccatttatag	120
atgaggatgc	tgaggcacag	agagggtgaag	tgacttgtcc	aagggtcatac	aaccagcagt	180
gtagagggct	caaagccagc	attcctccac	ttgaactcct	gcgctccggc	cctctggcag	240
ttcccacatc	ctctctattc	tctctgtgtc	ccccaccctc	tcaactctcc	tgggtctgca	300
gggaccctaa	aggcagcctg	gcagctgaga	tttttcagga	atggcaactg	gggtaggcct	360
ggtcaactcc	agataggaac	tgaccctgaa	gagcatgagg	ccagctttgc	ttctcccat	420
ttcccagttg	gatggaaggc	ctagtaggtc	ccagggcaag	gatggagcta	ggcatgattc	480
atgaacgaat	ggtgataaag	gtaggtgtaa	gcataatgtg	gtcctgcaat	aaagacaaaag	540
gctcccctaa	ccaaggccc	caaggcagt	tttcaagtgc	tcaccccat	gcctctctca	600
tcccacagag	ccacagttag	tgtcctcagc	agcaaaagga	gccatagaaa	tagctgcctc	660
tggcaatgag	ctgctccagt	ggacagctcc	caccaagcct	tcagacccca	tcacgcagac	720
acagtgcctc	cacggcttga	ctggggccct	gggccacacc	ccaataaca	aacagccggg	780
gcccagcctg	cagactagag	caggagcagc	gggcagtggg	catggcaggc	aatgcctccc	840
agcgccgccc	tgcaaggcta	aagctctcca	cagagcccaa	aggacatggc	tggtttccaa	900
ggcccccaat	ggccacaatg	tggcccccaa	gggacccaac	cacaaagtct	gccctcttat	960
ccctcatgcg	caggctgcgg	ggcaatttgg	tccaggaccc	atgctccagg	tcaaacatct	1020
ccacagtgtt	gacaaagtgt	gggcgagagt	agaagttgtg	ggggccaggc	tgctgcaggc	1080
caccagggct	aaagacgctg	ccttcagcca	tggcgcagcc	agcaaaggcc	cgacggctgg	1140
gtaggcttgg	atgccgggtc	catgtacggg	cctccagatc	aaaggcttca	aaagcagtca	1200
ccgggagctt	gccctggcgg	ccccccagga	catagatctt	gttcccgtgc	aggaagggtg	1260
aggccccata	gcagggtgtg	ggcatggagg	gtagcgaaag	ccagcagtcc	cgacggggct	1320
catacacacg	tacctgggcc	tggggggccg	tgtcaggggc	cattcccccc	agagcataca	1380
ccataccatc	cgccgggtgt	acgatgctgc	caggggtacg	ggcccgccgt	tccgctggca	1440
cgaggcctcg	aactgagtan	nnnnttccat	g			1471

<210> 3600

<211> 949

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(318)

<223> similar to gi2645205 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

```

<400> 3600
agccccatca gtaagaagcg gaaacgaaag ggatcttgcc agagacgaag aagcgcaaga      60
aacgcaagtc agaggatgcc acgccagcgg aggatggcac acctgcagcc accgcgggag      120
ccagcccccc agcatgggca ggaagaagag gaacaggaca aaggctaagg tcccagcccc      180
ggcaaacggg acgccaacca ccaagagtec agccctggc gccccaccc ggagccccag      240
caccctgcc  aaatcccca aactgcagaa gaaaaaccag aagccacccc cggttctggg      300
ctgggacctt ggctccaggg ccatgtccag ggctctggtg tttgcctggg ttggtgcagg      360
ttgatgtgct ggctgcaggc aggtgtgacc atctctcgtg cctgccacct ctttgccccc      420
aggctttttt gctgtgaggg agccaccagg ggggtgattta aataggttta tttcttcatt      480
tacaagagga atatatattg cttctctctt aagactctga gattcacaat cagcagctct      540
aaaaaataaa ggagcagttt ggcttcaggg aggaagagga ggcaacactc ggacctggtt      600
cttgatatac aagaaaacat cgctggggcc ccgctgaggc tggagtgggg gtggaggctg      660
gtctttggag gatgccaccc ccaccccatc ctcttgtagc gccctcgggg taccacagag      720
cttggtgggt gagtattcca cctgcttaca caccactgaa ggccacagcc aggccagtta      780
cttagggggg caagaaagag cattgtccaa gctggctctt gggggggggt cccattggc      840
cacaaaggcc tcacccccca ccccatcccc gtaaccagaa accaccttga ttgcagcaga      900
aattcaggca gatgggtagc gcaggggggc taaccccccc acaagcggg      949

```

<210> 3601

<211> 1459

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(987)

<223> similar to gi808915 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 3601
ctggcgggcg tggaaccca ggccccgccg aggcggccag gaggtgagat ggcagctggg      60
caaaatgggc acgaagagtg ggtgggcagc gcatacctgt ttgtggagtc ctcgctggac      120
aagggtggtc tgctggatgc ctacgcgcac cccagcaga aggtggcagt gtacagggct      180
ctgcaggctg ccttggcaga gagcggcggg agcccgagc tgctgcagat gctgaagatc      240
caccgcagcg acccgcagct gatcgtgcag ctgcgattct gcgggcggca gccctgtggc      300
cgcttcctcc gcgcctaccg cgagggggcg ctgcgcgcgg cgctgcagag gagcctggcg      360
gccgcgctcg ccagcactc ggtgccgctg caactggat ctgcgcgcgg gcgccgagcg      420
gctggaggct ttgctggcgg acgaggagcg ctgtttgagt tgcatacctag ccagcagcc      480
cgaccggctc cgggatgaag aactggctga gctggaggat gcgctgcgaa atctgaagtg      540
cggtcggggg gcccggggtg gcgacgggga ggtcgcttcg gcccccttgc agccccgggt      600
gccctctctg tcggagggtg agccgcgcgc gccgcgcgca cctgcccaga cttttctgtt      660
ccagggtcag cctgtagtga atcgccgctg gagcctgaag gaccaacaga cgttcgcgcg      720
ctctgtgggt ctcaaattgg gcaagggtgg gcgctcactg cagcgaggct gccgggcgct      780
gcgggacccg gcgctggact cgctggccta cgagtacgag cgcgagggac tgtacgagca      840
ggccttccag ctgctgcggc gcttcgtgca ggccgagggc cgcgcgcgca cgctgcagcg      900
cctggtggag gcactcgagg agaacgagct caccagcctg gcagaggact tgctgggcct      960
gaccgatccc aatggcgggc tggcctagac caggggtgca gccagctttt ggagaacctg      1020
gatggcctta ggggttccttc tgcggctatt gctgaacccc tgtccatcca cgggacctg      1080
aaactccact tggcctatct gctggacctg ctggggcaga gttgattgcc ttccccagga      1140

```



gccagaccac	tgggggtgca	tcattgggga	ttctgcctca	ggtactttga	tagagtgtgg	1200
ggtggggggg	acctgctttg	gagatcagcc	tcaccttctc	ccatcccaga	agcggggctt	1260
acagccagcc	cttacagttt	cactcatgaa	gcaccttgat	ctttggtgtc	ctggacttca	1320
tcctgggtgc	tgcagatact	gcagtgaagt	aaaacaggaa	tcaatcttgc	ctgccccag	1380
ctcacactca	gcgtgggacc	ccgaatgtta	agcaatgata	ataaagtata	acacggattt	1440
tgatgtgaga	aaaaaaaa					1459

<210> 3602  
 <211> 2416  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(2417)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (2383)...(2122)  
 <223> similar to gil872200 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3602						
tttttttttt	ttttttttca	caagttatat	tttattttta	cacgaggatt	aacatatagt	60
tacaagggtca	atacaagcct	ccagtgggaag	ctctttat	ggtttaattc	catctccaga	120
gacaaacagg	caactctagg	acctttacag	tggcgatcgg	cctccacnac	agcaaaatgc	180
ctccaaagt	tagaattagt	gcaacacaca	tacgaacgtt	ttaaagggtgc	tcaacatcag	240
gttaaaatag	aattctggac	ctttttaaaa	agtttttgga	tgatataagc	acaggaggca	300
gagccaataa	gaaacatgaa	accaatattt	ctggaaaaac	acttagcatg	aacgtcactt	360
tttgacgtcg	tgtaaacttt	cttctgcaat	gacggatgtt	accaaaggc	attgagacct	420
ttgcgctgcg	ctggttagac	aagccgcagg	cttatctcca	cggtgagcag	gataaaaacc	480
cccaagggaac	agcccatgac	aaccttctgt	gcctttttat	actttcccat	cctacaaagg	540
aaaaactggg	taaaggacaa	gttctctcct	ttcattgcgt	ttctaagaac	ttttcagggc	600
aggttctttt	aaaattagtc	atcttacaac	acaacagtat	tctagcacgg	tggcgaagtg	660
acaggcggca	gatacggggg	aggaaggaga	cgttcacggg	aaattccaca	ttctacteta	720
tgtgaactgc	tccagaaaaa	tacagacatg	atttcacagt	aggattccca	gagtaaatga	780
tgatacatag	gacaactgac	ctcctctaag	aagcccggt	ggggcagcag	tgagcttttc	840
atggagccac	gcagactggc	ccggaagcaa	caccaggtt	caacatttaa	gagcactcgc	900
tataacattc	tttttgacg	caggtggtgg	aaaagtttaa	aaaacaggcg	gaggagtgac	960
gggggggatac	aagcatatcc	tatactgggg	gtgacggtca	ttcaaagagc	aaattactgc	1020
agcttatatc	ttttccacta	tgttgcaaga	aatgaatcta	tcctgaccca	taatatgaaa	1080
gatgcgacgc	acatgcattc	ccgaggctct	aaaatcccat	tttaaagaac	cgtttcacat	1140
cctcgtggag	tggagagtgg	tccacttgac	ttggtgaggt	cagaagttcc	tgaagatccc	1200
tgctgtcccc	gttggcgggg	gagccattg	tggagctgtg	gggactgcca	cactcaccat	1260
gcacctgttg	gtttgcaggg	acagaggtgc	ggccttgact	cttctcacc	tgtgtcatcc	1320
gggcttgtct	ttcgtctgtc	aagtcagtcc	tcctgcgtga	ctgatgggtg	caccacgctt	1380
aggtcaccgc	ttgcagggac	cgggaagtcca	tggtctgcc	gcaaccctga	gcggtttgca	1440
gtcccccccg	gggaagaagc	agtcagagag	gctcacgctc	acctacttta	aaaacccaaa	1500
gccacttcct	cttcacctgc	ctgggcctca	gcgtctctgc	gcttgtggtt	tctcgtcccc	1560

gagggctgac	tgagctgctc	cggaaggggtg	gtgtgtggtc	aaccttggtt	ggctgagagg	1620
agcaatttcc	tggtttccac	aagtaaagac	agccccatcc	cttgggacct	gtcctttccg	1680
tccctgtccc	tttggttct	ataggacttc	cttgtcttag	attcataaac	agcaagagga	1740
actgaggatg	cttgagggga	ccacctagtt	accaaagcca	agcaaagaat	aaagctgccc	1800
gacatcatcc	ccaggcttcc	gtggcgctct	cggtcacagg	agcttttaggc	caatggttcc	1860
tcttgactgt	ttttgcccc	aatgagagga	ggggctgctt	tgctttaagg	cgtggcgggcg	1920
gggggggggt	ggtggccaca	gattagggga	cctcagggtt	tcctcaaaaa	cccacacagg	1980
gaaagaaact	tggctctaaa	agcaaactca	acgaattcca	catgccctga	agagcacgtg	2040
ataaaataca	agggtggtgg	cggcgggatc	cctcaaagga	ccacgagagg	cacgggggtct	2100
ttggtgatga	aagtgctaac	ctcggcgggg	tgcggtagct	cacacctgta	atctcagcac	2160
tttgggaggc	tgaggcgggc	ggatcacctg	aggtcaggag	tttgagacca	gcctgaccaa	2220
cacggtgaaa	ccctgtctct	actaaaaata	caaacattag	ccggcgctgg	tggtgcacgc	2280
ctgtaatcac	agctattttg	gaggctgagg	caggagaatc	gctggaaccc	aggaggtgga	2340
ggttgtagt	agccgagatc	atgccactgc	actccagtct	gaacaataga	gcgagactcc	2400
cgtctcaaaa	aaaaaa					2416

<210> 3603

<211> 1190

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(493)

<223> similar to gi4056479 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3603

gcggccgccc	tggccgagct	gccggtgctg	gacgcccgcg	ggcagcgggt	acccgttcgg	60
cgcgctgttc	cgggagcgcc	gcgcggtggt	ggtgttcgtg	cggcatttcc	tgtgttacat	120
ctgcaaggaa	tacgtagagg	atctggccaa	aatccccagg	agtttcttac	aagaagcaaa	180
tgtaaccctt	atagtgattg	gacagtcate	ctaccatcat	attgagcctt	tttgcaagct	240
gactggatat	tctcatgaaa	tctatgtcga	tcctgagaga	gaaatttata	aaagattggg	300
aatgaaaaga	ggtgaagaaa	ttgcttcctc	aggacagagc	ccccacataa	aatcaaactc	360
actctcagga	agccttcaga	gcctgtggcg	ggcagtgact	ggccctctct	ttgattttca	420
aggagaccca	gctcagcaag	gtggaaccct	catttttaggt	ccaggtaaca	acatccattt	480
tatacaccgc	gataggaata	ggttgatca	caaacctatc	aactctgttt	tacagcttgt	540
aggagttcag	catgtgaact	ttacaaacag	accttcagtt	atccatgtgt	gacttaaaat	600
gcactcagtc	actttcaact	ggaccttctg	gaatgtgacc	ttcaatgcct	gggtgtaata	660
tcctcgtgca	gtgtetaacc	tgctgtccct	tcccagcctt	tgaggagtta	gggaagcata	720
aagggggctt	gaacctgttg	aattgcatgc	tgggaagcat	cagttgtcaa	aatatgttat	780
atacttccat	tttataactt	ttaacatttt	atacaaaaaa	aatgaatata	caaaatataa	840
ctttaaaagc	tataaaatca	taaatactct	aaattatttt	acattatggt	atattcagtc	900
aatgaaagag	ttttttggca	atataaatte	tgacagtata	taaggggaca	ggagaacaac	960
acaagaccat	tatattcagt	gaagaaggca	aaatatcaaa	tctgtcaaca	atgtaactgc	1020
atttttatat	gtatatattt	gtatttttgt	atgctttgga	aaaagacagg	aaataaacac	1080
caaaatgttg	ccagtaggta	tctctgtgtt	aagattagcg	ctattatttt	cttttctgta	1140
cttttctgta	tttcccaact	gttatataat	gagcatgatt	aatattgtag		1190

<210> 3604  
 <211> 449  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (21)...(160)  
 <223> similar to gil408211 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3604  
 aaaacttttg tttttttttt ttgaaagctg cacagcctga aattaccttt attcaattaa 60  
 tgcaaaaaca aaaggggaga tggtggaggc cgaaggaatg aggggtcgtga ccaactcagt 120  
 ataccactgg aggtctctgtg agcaaacagc aaactgttct catgaaagca ggatgttggc 180  
 gaactgacaa actctgtctg ccgccagaag gaatgctggg ggcagtcagt tcccagggtcc 240  
 cgtgctcctt gaggttatcc acaggaacat ccagaacctc cataaaggca ggccatgctt 300  
 atcatcattg cagtatccaa tctgcagtgg tgctggctgc ctgttggtgg tgctcagtat 360  
 ttatctccaa gtcccgcctt tcgcgcctcg cctgctgctc tcccactcag cgccacctca 420  
 gtcccacaaa ggcggggtg ggatcctgc 449

<210> 3605  
 <211> 4197  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (4198)...(1045)  
 <223> similar to gi31438 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3605  
 tttttttttt ttctgggtcag tgggggcact gggtcagatt tattgcactt gcaacagagt 60  
 ttaaataagt cctgggtgtc tggtgccaag gtgaggggaag ggttgggcag agagatgagg 120  
 ggcagcatca gtgcagctgg caggcagaac ccaaattctg caggcccagg acagtgggct 180  
 cccctttctc tggggaacag ggagggcctg tgtctggcca ggctgaggtt ccagatctgt 240  
 tgccatcatg gcccttcag ggtcctggga aattcctggc ttctcctaaa tcagggtgaa 300  
 ctgggcctcc aggatcaggt ctggagcagg cccaaatata gtcttgatc tgcttgatt 360  
 aggtgccaat gtctgagtct gggttccaga tcaactccag accccaggct ggaatctggc 420  
 cccatttgag ttctgattcc ccttgagct gggctctggg gcggccctgg gccagcatct 480  
 atccttggtg ggcattctgt ctgagctggt cctggggcac catgcatagt tagtgttctt 540  
 tgttggccca ccaggggtgg gctgtccaga gctgccaggt cttactccc caagttccag 600  
 gttcttagct gggggcttct tttggatctc tggcaaggct gaggacagat ctttgcaggt 660

tggagctgga	caggaagtc	ttgtggcatg	tctggcccaa	agaactgtga	atggatttcc	720
tagttatctt	tccaagttgt	ttcaggaaac	tctccaaaat	gcaaaggctt	cagggaggct	780
ggggcctctg	tccttgga	tgagttcccc	catccatgaa	gagggatgt	gtaaacaagg	840
gtccttcaca	gtgcatgggg	gggagggatc	cccagctcct	cacccccctg	gctctggccc	900
ttcaagtagt	tctctgggct	ggggagagga	gcttctccct	ggcgcgcagc	accttcaaga	960
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<210> 3606
<211> 2353
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2354)...(697)
<223> similar to gi602288 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3606						
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agcaggaacc	catccctctc	tgcttatacc	cagcaccctc	catcccaggt	tcctttcttc	180
aacctccgcc	tgctctctgg	aacacagagc	accaagaact	gacaaaccgg	gaccctccag	240
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<210> 3607  
 <211> 2658  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1981)  
 <223> similar to gi3201589 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3607						
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tacaattcca	gcctgggtcac	cttccaagag	cccccggggg	tcaacaccac	agagctgcca	420
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<210> 3608

<211> 843

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(844)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (71)...(489)

<223> similar to gi2088669 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3608

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tgg						843

<210> 3609  
 <211> 3965  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(3966)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (3)...(3504)  
 <223> similar to gi5689573 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3609

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caaag						3965

<210> 3610

<211> 1539

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4)...(683)

<223> similar to gi971251 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3610

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agaatagctg	ggattacagg	cgtacaccac	catgcctggc	taattttttt	gtattttttg	1500
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<210> 3611

<211> 2972

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2973)...(1101)

<223> similar to gi4835895 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3611

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tagcaagaga	tagctagtgt	tagatgttca	gctttgctat	tgcaatattt	tgtcattttt	960
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<210> 3612

<211> 2408

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2409)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2410)...(784)

<223> similar to gi5305448 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3612

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ggggtagtta atggggaaat ggcccccagg gtggggctga ccagaagagc ccctcaagga 180
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```

<210> 3613

<211> 2204

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1803)...(980)

<223> similar to gi4218005 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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<400> 3613
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tttaaaacgg cccccctttt tttttttttt tctttaacaa aattttttatt taataaatgg      180
ttaaatacgc agtgccaaaa atacattgac atttagcaat ttcactgaaa ggaagaaact      240
acagaatgca cggtttcaga aagctatatt aagttattta caaataaagt atctaaaact      300
caaaaacagg ctctgtatgc tatatctagt ttatcccttc ccgaacaaaa tttctgttat      360
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<210> 3614

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (777)...(278)

<223> similar to gi5019453 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3614

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ggggtgccc	agggccctca	ggaactgagt	gtgggcaaga	cactgctggg	ccagagggca	180
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aaagccagct	gcagggcagc	ctccagctcc	tgcacgaggg	tgctccactg	tgccaggagg	480
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<210> 3615

<211> 4033

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1370)

<223> similar to gil945155 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3615

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gctccggaca	gcggggggcg	acctgggggtg	agcccagggc	agcagcaagc	gtcaggcgca	360
gccgtcgggg	gaagctccgc	aggcgagacg	cgcgggggac	cgacgccccca	cgaaaaggcg	420
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gaaaaaaaaa	aaa					4033

<210> 3616

<211> 1203

<212> DNA  
<213> Homo sapiens

<220>

<221> misc\_feature

<222> (9)...(211)

<223> similar to gi4680669 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3616

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tgaactggct	gggcttcgcc	ctctgcctct	cgggaaatc	cctccacgtt	gccctcaaag	180
ccctgcattc	cagaggtaac	ccagagtcct	ttccagaagc	ctctgttttc	tggtctcttc	240
cctgtgactc	ttagtgattc	tgatgcagga	agtgtgccc	gtggctctgc	tgccgtcact	300
cctctaggaa	gatgtggggg	tcatctccag	agtgggtggg	tggggcctgg	gtgactcagc	360
acacatgcaa	atcagagcaa	accaagaaaa	ccacgactgg	gcctgtaact	gtggtctctc	420
tctatcccaa	ggtgatgggt	gccccaaagg	cttgaagggg	ctgggctcca	gccccgacct	480
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tgtggacggg	agtcaccagg	tgggtggggc	aagccagggg	ctcatgactt	ttgccccctc	720
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ctcagagagc	aggtttcttt	atagtttggg	aataaatggt	tcacggtcca	ctggccgcct	1020
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gctcctgtta	gaacaccagt	cccctcccca	ggggggcccc	actgcacctg	ctggcaggaa	1200
ata						1203

<210> 3617

<211> 4826

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4827)...(2413)

<223> similar to gi5689489 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3617

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aaaacaagtt	acatatggat	gatggagtct	accgcacaaa	acatccctaa	aactcattgg	180



ttctcatctt	tgcaggggga	gggagagaaa	gcaaaaaata	gcagaaaccc	ccaactcttg	240
aaaagcagag	atttgttcaa	tgaaaaatga	gggagttgaa	agaaaaatga	ctcgacacat	300
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tatgggaagg	ggacagaatg	gagacagccc	tttggaggct	gtacatgtaa	cttgaatcag	540
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attaggcaga	aaaccgcaaa	cggagagaaa	gttcgcccgt	gtgccaggt	accccatctg	660
tgtcttgttg	ccaccaatth	ccttgatctt	gaaaccggcg	ggcacagtct	caaatagaga	720
gggcctgggg	gaaaggaata	aaaaaaaaaa	caacaaaaaa	cacacaacaa	aaccaccaac	780
aacaaaaaag	agaaaaataa	caattctttg	tacagaatth	acatgataac	aagcttgaca	840
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tcctctctt	cctcctcttc	cctggccact	acctcctcct	catcctccga	ggatgagggc	4800
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<210> 3618

<211> 818

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (58)...(464)

<223> similar to gil237278 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3618

ctgatcggac	atggtacatt	cttgagagcc	actaacaata	tggaaacagga	tcacacatct	60
gctcccttat	tggttaaagat	gagaaaaccc	taggagagaa	acctttcaaa	tgtgatgagt	120
gcggaaaggc	cttcaggcac	acctccagcc	tctgcatgca	tcaaagagtc	ca'acaggag	180
agaaacccta	taaatgttat	gagtgtggga	aggcgttcag	tcagagttcg	agcctctgca	240
tccaccagag	agtccacact	ggagagaaac	cctatagatg	ttgtggatgt	gggaaggcct	300
tcagtccagag	ttcgagcctg	tgcattccacc	agagagtcca	cacaggagag	aaacctttca	360
aatgtgatga	gtgcggaaaag	gccttcagtc	agagtacgag	cctctgcatc	caccagagag	420
tccacacaaa	ggagagaaac	catctcaaaa	tatcagttat	ataaaacggt	ttgctaagag	480
tttaaaatct	taaaaccat	aagtgccact	aggaaggaaa	ccctgtatat	acctacattg	540
acccaagaaa	tatttacgca	atccctagca	gaacattggt	tctgaggagg	catatgtgag	600
attgatttgt	tggttcatgc	caagtgtggt	ccacagggtg	actttgaatg	tggacctctg	660
agcatccacg	caggatggct	ctcagggtccc	agtcacagac	gtcgttttct	gggatttcag	720
cacgatgcct	ccatagttag	aagactacac	aaaagccac	aatcattgcc	cggcctcctg	780
agtcaccttc	tatctatact	ttgcttaaaa	gctattcc			818

<210> 3619  
 <211> 4364  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3)...(1682)  
 <223> similar to gi3327120 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3619

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cccgacccat	gcggctgggc	agtcctggac	tgctcttcc	gctcttcagc	agccttcgag	180
ctgatactca	ggagaaggaa	gtcagagcga	tggtaggcag	cgacgtggag	ctcagctgcg	240
cttgccctga	aggaagccgt	tttgatttaa	atgatgttta	cgtatattgg	caaaccagtg	300
agtcgaaaac	cgtggtgacc	taccacatcc	cacagaacag	ctccttgga	aacgtggaca	360
gccgctaccg	gaaccgagcc	ctgatgtcac	cggccggcat	gctgcggggc	gacttctccc	420
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acatcagctt	cctctttctc	ccttgtgtga	gacaggctgg	attccagtgt	tgggacagcc	4320
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<210> 3620

<211> 541

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (104)...(335)

<223> similar to gi3219340 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3620

tttcgtgcga	ggccccgggca	gcatcggcgg	cgtggtcaga	gcgagtctcg	gagaagatgt	60
gggtggcttcc	gtttgttggt	ggaggagggtg	gcaggcctcg	gcgggtaacc	cagagaacac	120
agccgaagtg	gaatgtgggg	acgtctgcga	caccggggac	agagcaactg	tggatgaaga	180

gggctacatc	tggttcctgg	ggaggagtca	tgacactatc	aatgcctctg	ggtggtgaag	240
gcattgattg	tcctgacccc	acagtttctg	tcccatgaca	aggaccagct	gactaaggag	300
ctgcagcagc	atgtaaagtc	agtgcagccc	ccatgtattg	ggtgttagga	atccataata	360
cagtgaaccc	ataattgact	gcaagcatca	ctttcaaagc	atcatttcag	gatgagaatt	420
taagtgccaa	gtgaattcaa	ggaacagtgc	aaaggatcca	tggcctcagt	caccatgaag	480
accctcccaa	gagccagccc	tactgggaac	atataaatga	gtggagacct	ggaatacgaa	540
a						541

<210> 3621

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (287)...(771)

<223> similar to gi897849 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3621

tttcgtagca	aacagggtttc	acgaccactg	ctctctggag	tcttattcct	cagagtatga	60
gcccttgacc	aaggagcatg	gaatgcatca	cctatgtttg	aacaagggcg	ccagatgacc	120
tctgcggacc	caggggtttg	gaagtgtgta	tgtggagcca	caggacttgt	tttagggcgt	180
gtggggcgtg	tgtgtgagtg	ggcttctgca	ggtgggcagc	cagcgggcac	aggcgtggag	240
agcatggtca	cccatggaga	caccgctcac	ggggactttc	ctttggcccc	acatcccgca	300
gggtctcttc	ttcgatgatt	cctatggctt	ctaccaggc	caggtgtctca	ttggccctgc	360
caagatcttc	tccagcgtcc	agtggctgtc	aggtgtcaag	cccgtgtctca	gcaccaagag	420
caagtccga	gtggtggtgg	aagaggtgca	ggttgtagag	ttgaaagtta	catggattac	480
caagagtttc	tgtccagggg	gcacggacag	cgtcagcccc	ccacgtctgt	catcaccag	540
gaaaacctag	gcagggtgaa	gcgtctcgga	tgctttgacc	atgctcagcg	gcagcttggg	600
gagcgtgtgc	tgtatgtctt	cccagccaag	gtagagccag	ccaagattgc	ctgggaatgt	660
ccagaaaaaa	actgcgcccc	gggggagggc	tctatggcca	agaaggtgaa	gcgcctgttg	720
aagaagcagg	ttgtgcggat	catgtcatgc	tccccagaca	cccagtgttc	ccgggaccat	780
tccatggaag	accagag					798

<210> 3622

<211> 1708

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1709)...(510)

<223> similar to gi434779 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3622

ttaaaagtca	cactagataa	gacatcttta	ttacttaate	tttaaaacag	gtcactgtgc	60
ctattcaatt	ctgaaactgt	ttgtttttctt	tccctccccc	gcactcccgc	tctgatacac	120
aaacttggtg	taaaaataat	gcagaaacat	atacgtcaat	ctaagtctct	gaaatatggc	180
caactctacc	tcgccgtata	tccaacatta	aaaagaaaaa	aaaaggctgt	ttaagaatag	240
aactcattcc	cggtttccac	caaattattt	ccctaattct	taaatcctca	aataagttct	300
taatctccaa	agtctcgggt	gtgggaaaaa	cattaatttg	tgcagtccaa	cacttacata	360
ctttcttgac	ggaagggcaa	tcctgtccct	ttaaactcaa	tgaaggcagc	ggccaggtec	420
ttctgagtc	ccgtataatt	gcctagaact	taacatttag	tattcatagt	ccttggttta	480
cagacgggtc	cgacagttag	aaactattac	ttcctcctct	ttcctcctgg	gcgtgtcct	540
ccttttctct	tgccacccaa	gccaggcggc	ccagaattca	tcttgccctc	caagccccc	600
ttcctcttcc	ctccctggct	gggcggggcc	cctttcctct	tgcccccagg	cccctgccgg	660
cctcccttcc	tcttgccctt	ctggctcatt	ttcctcctct	tggcgccctc	ctcctgggtc	720
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catgacacga	agcagctcca	actggttctt	tttctcggt	gcaaagtcct	cgaaaagggg	840
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aaagcgcccc	acagaggcgg	tggagacctt	ggccacttgc	atggcgcggc	ccagctcctc	960
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ggtcaaaactg	cagctccagc	tccttggtgca	ccgtgatgcg	ttgcaacttc	tctgcctcgt	1560
cctgctctgc	ctttgcgagc	agctcctcca	cgtcttggtc	ctccatggct	ccggctcggc	1620
tcactcgctt	tggggctgca	gctgaagtta	cttttcttac	agtggcgggc	caaactccgg	1680
cagcataacc	acgtgcagat	gccgggat				1708

<210> 3623

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (16)...(500)

<223> similar to gi506664 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3623

aaccggatgc	tgtagctcac	ggacaccccc	cccccaaga	cacatatgat	ccaccattcc	60
atctctgact	ataaggccac	cctgagggtc	tgggccctgg	gcttctaccc	tatggagatc	120
acactgacct	ggcagcagga	tgaagaggac	cagactcggg	acatggagct	tgtagagacc	180
aggcctgcag	gggatggaac	cttccagaag	tgggcagctg	tgggtgtgcc	ttctggagag	240

gaacagatac	atgtgccatg	tgcagcatga	gggggtgccc	gagccctca	cctgagatg	300
ggagcagtct	tctcagccca	ccatcccat	cgtgggtatc	gttgctggcc	tggttctcct	360
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catgaccctc	ttccctcatg	ctgacctgtg	ttccctctcc	aataattaat	cattcctgct	720
ccatagacgt	gaggctgaga	tgtctccatc	tctgtctcaa	ctttatgtgc	actgagctgt	780
aacttcttac	ttccctatta	aaattagaat	ctgagtataa	aaaaaaaa		828

<210> 3624

<211> 4530

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (7)...(2018)

<223> similar to gi307121 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3624

tttcgtgaca	gtagccctctg	ctcggccttc	gagttccact	gcctaagtgg	cgagtgcac	60
cactccagct	ggcgctgtga	tgggtggccc	gactgcaagg	acaaatctga	cgaggaaaac	120
tgcgctgtgg	ccacctgtcg	ccctgacgaa	ttccagtgtc	ctgatggaaa	ctgcatccat	180
ggcagccggc	agtgtgaccg	ggaatatgac	tgcaaggaca	tgagcgatga	agttggctgc	240
gttaatgtga	cactctgcga	gggacccaac	aagttcaagt	gtcacagcgg	cgaatgcac	300
accctggaca	aagtctgcaa	catggctaga	gactgccggg	actggtcaga	tgaaccatc	360
aaagagtgcg	ggaccaacga	atgcttgagc	aacaacggcg	gctgttccca	cgtctgcaat	420
gaccttaaga	tcggctacga	gtgcctgtgc	cccgcaggct	tccagctggt	ggcccagcga	480
agatgcgaag	atatcgatga	gtgtcaggat	cccgcacct	gcagccagct	ctgcgtgaac	540
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tgagccgaga	ttgcgccact	gcagtcgcga	gtctggcctg	ggcgacagag	cgagactccg	3420
tctcaaaaaa	aaaaaccaaa	aaaaaccctt	gcttggggca	tcagcagccc	ttggcctctg	3480
gccaggcatg	gcgaggctga	ggtgggagga	tggtttgagc	tcaggcattt	gaggctgtcg	3540
tgagctatga	ttatgccact	gctttccagc	ctgggcaaca	tagtaagacc	ccatctctta	3600
aaaaatgaat	ttggccagac	acagggtgct	cacgcctgta	atcccagcac	tttgggaggc	3660
tgagctggat	cacttgagtt	caggagttgg	agaccaggcc	tgagcaacaa	agcgagatcc	3720
catctctaca	aaaaccaaaa	agttaaaaat	cagctgggta	cggtggcacg	tgccgtgtgat	3780
cccagctact	tgggaggctg	aggcaggagg	atcgccctgag	cccaggaggt	ggaggttgca	3840
gtgagccatg	atcgagccac	tgcaactccag	cctgggcaac	agatgaagac	cctatttcag	3900
aaatacaact	ataaaaaaat	aaataaatcc	tccagtctgg	atcgtttgac	gggacttcag	3960
gttctttctg	aaatcgccgt	gttactgttg	cactgatgtc	cggagagaca	gtgacagcct	4020
ccgtcagact	cccgcgtgaa	gatgtcacia	gggattggca	attgtcccca	gggacaaaac	4080
actgtgtccc	cccagtgca	gggaaccgtg	ataagccttt	ctggtttcgg	agcacgtaaa	4140
tgcgctccctg	tacagatagt	ggggattttt	tgttatgttt	gcactttgta	tattggttga	4200
aactgttatc	acttatatat	atatatatat	atacacatat	atatataaaa	tctattttatt	4260
tttgcaaaacc	ctggttgctg	tatttgttca	gtgactattc	tcggggccct	gtgtaggggg	4320
ttattgcctc	tgaaatgcct	cttctttatg	tacaaagatt	atttgcacga	actggactgt	4380
gtgcaacgct	ttttgggaga	atgatgtccc	cgttgatgtg	atgagtggct	tctgggagat	4440
gggtgtcact	ttttaaacca	ctgtatagaa	ggtttttgta	gcctgaatgt	cttactgtga	4500
tcaattaaat	ttcttaaatg	aaccaaaaaa				4530

<210> 3625

<211> 2343

<212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2344)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2090)...(1160)

<223> similar to gi3820985 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3625

tttttttttt	ttatgtggat	aatattttatt	tgtatcttat	ctatagaaca	aatattttaca	60
gatacaaacg	gaatcacagc	aaagttgcta	taaaaccatc	cagacctctc	gatggccact	120
tctgaaaaca	tccacgggtga	agggcagggc	caggcctggc	tgtggagtgg	gccagctgag	180
tacctgggcg	tcagccaagg	gaaatggttg	gggattatgg	cttcagcact	ctgccggagc	240
acattcctga	gcgctgacaa	cgtggagccc	tcaccgcccc	cacctacccc	aacctcaatg	300
gggaaggaag	ggggcctgag	ctgggcaggg	ctggccgggc	tcactatgtg	cctgctccag	360
gagtccttgg	cccctgtgct	ggcaggagca	tccctgagct	ggaccgggag	gcctctcttg	420
cctggggctg	ctccctgccc	ggcaggctgc	tgtttggcag	ctggaggtgg	caagagctgc	480
tgggtgctgc	agggcgtgtt	ggccaggaat	gagctcccag	ggcagccctg	aggaaagggg	540
cttaggaagc	gcctcccagc	tcactactag	gagctgggga	ctgtcagtgc	tgagtggggc	600
tggggtacag	gagcacctgc	ctctcctttc	tttggetttag	aagtggggaa	ggaagggcca	660
ggaaaagggg	ccaaagccgc	cccagccttg	gcccctaggc	cgcttgggga	ctgtgtgtgt	720
gctgaggggg	cagtgggagg	tgggcagctc	tggagttccc	tgcaccttgg	gacccctggg	780
ctgctctcac	tcccggggtc	ccagcagggc	aaggcctctg	cttgggacca	gtgctgctct	840
tcctcgctgc	ttactccagg	aggtgaaggt	gacagggcgg	caaggagagg	taaccacagc	900
atggctgggg	acaggcgcta	caactggccc	cggaccacag	acagggatca	cagtgtcggt	960
ctcgcgacac	cacctctggc	cacatgtgca	caccacatac	atccacacgc	acctccctcc	1020
tgtctggcgg	gaggctcatt	ctctctcgca	gccactcgcc	ctctctgcct	ctcacatatg	1080
cggtcacaga	gtgaatccga	gcattcttatt	gctgcagggg	gcagggggcg	cggcacacag	1140
gaaagttaat	ccacgaagag	cgagaacagc	accattacca	cgatgcccg	acagagcaga	1200
agcagctgct	gcagggagcg	ccacgggtcc	tcttcttcca	agaggtcagg	gagcacgttc	1260
accaaggcga	tgtagagaaa	gccgccagag	gtgaagggca	ggaccagggc	tgccgtctcc	1320
tctactccct	tgggggactg	ggtacagatg	gcgaagccag	cgcccagtag	gccccccagc	1380
gctgttgaga	gttgagctt	ggctgcgctc	catcggtcaa	agccggcccc	gagcaggatg	1440
gcaaagtcgc	ccacctcatg	gggatctca	tgcaggagga	tggccatggt	tgtcaggagc	1500
ccgatcttct	tgtcacaaag	gaagctggca	gccacagcca	gcccgtgggt	gaagtatatg	1560
atgggtgttg	ccagcaggtt	gaggtagccg	ctgactttga	tgtccgggac	cacggcaccg	1620
aggccgggct	ctgcagccgg	ctggggccaga	cagtggcctc	cattgagcgc	ggcggcagca	1680
gcagtggggg	ctttgttggg	ggcctggctg	gtccccctct	ccttgctgtc	caggaacatc	1740
ttctccaacg	ccaggaaggt	caggatgccca	gcaatgaccc	acagccccag	ctgttgctgc	1800
tgctgcaggc	tctgccccct	accaccaggg	ctggcgctgc	acgtgtaggc	ccaggcttcg	1860
ggcagcagat	gcagaaacac	attgcccagg	agtcccccca	gggcgaagct	gagcagctgc	1920
ttcaggcgcc	aggccccagc	ttctgagcgc	agcatggtcc	ccatctctag	gggaatgaca	1980
agcaacggga	agacccccact	gagccccacc	atgaggggaa	ccaggagggg	gcagatccag	2040
gtgtccagcc	gctctccgct	cagcagagcc	ccccaggact	cgctttcctt	gttgtccagg	2100
cgacaggccg	tcgagctccc	ccggctccgg	agggccggct	gggaaccccc	agcccttccc	2160
aagagctcca	gggcaagggc	agtgaggaag	aggagccttg	ggcccggcat	gccacagcca	2220
gggcagggac	atccaggcat	gccacgtacg	tgcggcggcg	gcggcgggcg	tccggggcgg	2280
cccagccccg	gaattcggtg	ncggtcgtcg	tgcgtacggc	ttcaatnacc	aaannngggc	2340
acg						2343

<210> 3626  
 <211> 1325  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (249)...(465)  
 <223> similar to gi2564001 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3626

gggaaagtga	gtgctggcca	ggctggggcg	gacagaacac	ttcgacgggc	tccggagccc	60
agattcagcc	aggaaccac	aggcaactcg	gcctaccccc	agctgaggcc	ctttttggac	120
ccgcagggga	gagatcttaa	accacgcgt	ttggtccac	ccaccgcctc	ccacactggg	180
aggagaccat	ggctccacac	acagcccctg	ccaggcccac	aggggcgggc	atgggggccc	240
acctgcctcc	tgcattgtgtg	gacagggtcc	tggagagtga	ggagggccgc	agggagtacc	300
tggcgtttcc	caccagcaag	agctcgggcc	agaaggggcg	gaaggagctg	ctgaaggcca	360
acggccggcg	catcgactac	atgctgcatg	cagaggaggg	gctgtgccc	gactggaagg	420
ccgaggtgga	agaattcagt	tttatcacc	agctgtccgg	cctgacggac	cacctgccag	480
tagccatgcg	actgatggtg	tcttcggggg	aggaggaggc	atagaccgtc	cggagcagtg	540
gggcctctgc	cagcccttgc	agctgcagcc	catccctggg	ccatgtcccc	tccatcgagt	600
gcccgggtgct	tgggggagga	gggcagggac	agggaggagg	ccacagtcag	tgcccgggaa	660
cctggaagct	gcgctgctct	gcgcctctgg	gcctcactgt	ggacagagga	gtcaggccccg	720
ccccaggagc	ctccagctgc	ctaaccagt	ccattctttc	acaacacgat	tttctacaaa	780
tctacagcac	aaccgagttt	gtaaccctgt	ggttagtatg	aggaccgggt	tcgtgtactc	840
tctgtatctc	ctcttaagct	tcgtccagg	ttctttattt	ttgtctgctg	ccaatgtcgt	900
ctcgcatgcc	tgcaccctcg	catgcacgct	gcccgcagtc	cacgtgccac	gctgtagcca	960
cagaccctt	gctcgggcct	cacccaaggc	caaactccaa	acacaatcag	aaccagccaa	1020
agaagcactt	cctgggcacg	gccaccagct	ctcccgcctc	cagtgtgggc	cggctcctgc	1080
agggccgag	ggctgcatct	ctaccagcca	gcccagggt	cttcccagg	tctcgcattc	1140
aagggaatt	acattttaaa	aagaaaaaca	gaaaaaggtt	aatcacaaaa	ccaaccctca	1200
cttcacaggg	tctgtaagtc	actcatagaa	ctttgctctt	cccagacag	ggtcccttcc	1260
ccagctcagg	cacaacagag	tctggcaggc	tctggcacc	tgggcctcct	cggggagcct	1320
cccat						1325

<210> 3627  
 <211> 1458  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1424)...(490)  
 <223> similar to gi3881305 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3627
tttttttttt ttcaggctta aataacaaaa tatatttcag atatgcacag ttttaactga      60
ggactacaca agccttcctc gggctgcagg cccgccgcc tcccagtgagg attcacagcc      120
cctgcggagt ttgtcctcac gcacaccaca cacgatcggg tataaaacac attctataaa      180
cacgttctga tgcaaaactgt gtgtccataa atatatattt atgcaagttc cteccaccca      240
ctgcagggcc gtacagctct ggggacagga ggtcacagcc gactttaaac cacaggttaa      300
gtagaagggt gcaggtcaaa tagaagttcc cgtgtgattg catcacccaa cggcactggt      360
ctgtcatcag gaaatgctga gtgcccgcgg tggccgggtg ggcgcgggcg gtggtcagac      420
gctgctctgg agctggctat ctgtggcact gtcaggggct gaggactggc tgggcagaca      480
agtttccagg ccattctgaag actccgacag gggcttgat aagaagcagg ctatggcaaa      540
gaagaggacg cccagcacct tgtacaggag ccccatgat agtatgtagc ggctcatggc      600
cgaattcttg tacaccaagc aggagccctg ctggccacac tggctcctgc acagcagaca      660
ggccttgctg atcacccagc cgaaggcgat gggccccggg atgcccccta gtattctaac      720
tacaatccac tggattccca gggcaaagga tctctgaggg tcacggacac atcgtagagt      780
tgccgttagt gcaggaatgc tgctgaggaa tgtaaagaaa attacaacga atatgaaaac      840
cagaaggagg ggctttctct gacaagttga agtgcatttc cctgcagtgg catggccaaa      900
accagaggaa agattctgag ggatacagct acagtctcgg tacacctggg aagcccaaca      960
atagctccga ttacaagggg aaggcacggg gggcccttcc cagggtccag gggaggacag     1020
gggcggtagg cagcggctcc actcaccttc tggccgtcca cattcgtctc cgtggctgca     1080
gggcaccctg cgtggcacag tgagaagtac atgaggccgt ccgagccgca cacagggtg      1140
tagtgctctg gctggcagct gcaggcagcg ttgcaggagg ccgttaggtt cagggtggcct     1200
tcgggcagga ggctcccgcc gtagctggct gtgacgcccg ccatgggcac actggggcag     1260
tgcaagtgaga agacgaggat gccagcagg ctgacaacgg tgcagaacag gcagaacttg     1320
atgaccgcgg agccccggag cctgagcttg ttcacaaaga agccgccag gaagggtccg     1380
ccaccaccgg ctggcaccac caggtacca aacaagggtg cagcttctga ggcactcagg     1440
cgaattccac cacacgga                                     1458

```

<210> 3628

<211> 910

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (730)...(242)

<223> similar to gi755646 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 3628
tttttttttt ttcccagctc acacatcttt attggcctgg atgtgggggt gccaaaccag      60
ttggccctgt cctgtgtcag ccagctgtgg caatttcacc cttattcctt ggagaggcca     120
gctgcctgct ggaaggagtc agaagtcggt ggatgtcatt gaggccttgg aggccccagt     180
ctggcgggag agaaatccac acctgtgcct ggagtctctc ttccctgacc ctctgaaccg     240
gcgcttaaaa tgctgtcccc cctggaacag ggaggccaca tccagcagtg cgtcctcaat     300
gtgctgcccc agcctgtggg aatccgtttt tgtgcttgat ttttgctgg agatgtggaa     360

```

ggtgatcatg	ccatccccc	tgaagatata	agaaacacca	taaccatggt	catcagcagg	420
cccgaatcca	ccgcctgagg	aaacatagtc	cgggtaattg	tggacgtcaa	acagatgcat	480
ttgctgaaca	gggatctggc	tgggtggacag	ctgccactgc	tccgaatgga	cctgggtcag	540
gaagggcgac	tgcagggtga	ggaatcggga	cacgatgtac	agcgcaaaca	ggtggcggtc	600
aactccctgc	ccgctcatgg	ctgccttcag	cagagcctgg	tgcttgctca	ctgccacgcg	660
gaacagggcg	aggcactgtg	ggtcctgcag	tccccaggga	ggtcacaggt	catggaaaga	720
caggaagtcg	acttaggggt	gggcctgcgg	cacatctggc	ctcaactgag	tttgccacat	780
ccctgcaagg	tgggaatatc	aacccatttt	tacagatggg	gaactgaggc	ttagagaggg	840
gaaatcattt	ggccagggtt	acacagccag	ggagagccag	gcgggttcct	aggtgtgtct	900
ggccccagag						910

<210> 3629

<211> 2127

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (70)...(1106)

<223> similar to gi2088669 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3629						
gcagccccgg	caggcggcgg	ccccgaccgg	gaggccttat	cggccttccc	cggacggcac	60
ctgagtgggc	tgagctggcc	acaggtgaag	cgactggacg	ctcttctgag	cgagccgatt	120
cccattcacg	ggcgcgga	cttccccacg	ctgagcgtgc	agccccggca	gattcgtgca	180
ggtggtccgc	agcaccctgg	aggagcaggg	actacatgtg	cacagagtgc	ggctgcatgg	240
ttcagctgcc	agccacgtgc	tgcaccctga	gagtggactg	ggctacaagg	atctggacct	300
ggtgttcceg	atggacctgc	gcagtgaggc	atccttccag	ctgaccaagg	cagtgggtgct	360
ggcctgccta	ctagacttcc	tgccggccgg	tgtgagccgg	gccaagatca	cgccactgac	420
actcaaggag	gcatacgtgc	agaagctggt	gaaagtgtgc	acagactcgg	accgctggag	480
cctcatctca	ctgtccaaca	agagcggcaa	gaacgtggag	ctcaagtttg	tggactcggg	540
gagacgccag	tttgaattca	gcatagactc	cttccagatc	atcctggact	ccctgttgct	600
ctttggccag	tgctcgtcca	ctcccattgc	tgaggccttc	cacccaacgg	tcacaggcga	660
aagcctgtac	ggggacttca	ccgaggccct	ggagcacctg	cggcacctgt	tcacgccac	720
gcgcagtccc	gaggagatcc	gaggtggtgg	cctcctcaag	tactgccacc	tcctggtgcg	780
gggcttccgg	ccccggccca	gcaccgatgt	gcgcggccgc	cagcgtaca	tgtgctcccc	840
cttcttcac	gactttccag	acctggtgga	gcagcggcgc	accctagagc	gctacctgga	900
ggcccacttc	ggtggggcag	atgcagcccg	ccgttacgcc	tgctggtga	cactgcaccg	960
ggtggtcaac	gagagcaccg	tgtgcctcat	gaaccacgag	cgccgccaga	cgctggacct	1020
cattgccgca	ctggcgctgc	aggcactggc	tgagcagggc	ccagctgcca	ctgccgccct	1080
ggcctggcgc	cctccaggca	ctgacggggg	tgtgccagcc	actgtcaatt	actacgtgac	1140
ccccgtgcaa	cctctcctgg	ctcacgccta	tcccactctg	ctgccttgta	actgactcag	1200
accctggcca	gaagggaagg	gactgggcct	cacgggggtg	ggtggggcct	ccaagagtgt	1260
gtggaggaca	tgaccagagg	cgcagaatgt	gccaggaggc	ccagcactgc	aggggtgggc	1320
ctttgattga	acagaccaga	ctttcccag	cacgaggccc	ctgtgggctt	aatgccagcc	1380
tggggctctc	agcaggagga	ccctttggtt	attgcatcac	acttttggac	cagcatgccg	1440
gtgggggtgca	ggcgccattt	gtcttggaag	tcaatttcct	tcaggagaca	aagcaagttt	1500
gggggtggtag	ccttaatgcc	cagcaccttg	gattgattcc	catggtctaa	gagggtcttt	1560
ttgactaagg	ccagcctgtg	gtgatcccag	cagctttgga	gggcctgcag	cccacacact	1620

gactgataca	tggtatgtta	cagggacttg	tcacttttga	tcaggctggg	ccactacagg	1680
gcctgatggg	ccaacttggg	taatcactgg	gaggagggaa	actgaggccc	gaggcagata	1740
cctgggtttg	gggagggctg	ggtttagccc	ggttctctga	actacatacc	cccagctgtg	1800
aagccttctt	cttgaggggt	tgaggtgggc	agtatacagg	agccaagcag	cccaggggtg	1860
gtcgcagccc	aggccccctt	cagggtgcca	ctcctttccc	ccttggtgtg	caaggagccc	1920
tcctgcctgg	gagcttgttc	tttggaaggt	gctgagcctg	aatttgccac	agtcaagtca	1980
acgttccccc	cccactggct	tggttacagg	gctctcacat	ggggtagggg	agccatactc	2040
ccaccccctt	gcgtattccc	ctgggtttgt	tgatatattt	cactcttaac	acctgccaat	2100
aaagacggtc	tacactgaaa	aaaaaaa				2127

<210> 3630

<211> 1667

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1669)...(962)

<223> similar to gi3046604 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3630	
tttttttttt	ttctatgtac
tctccagaca	tctcactttt
cattcacaca	aacacaggta
tttcagagcc	cacaagcaga
agtgcctgga	agtgtcaggg
ttctgacagg	cggggccagg
accacagcca	ccccctcccc
gctcagagga	aataacctca
gcacctccag	ggggtcacac
cgggcgggcg	cggaggccag
gcaggactga	gggcgggagg
ggcaggcaga	tgggaaggcc
agtatccacc	cagggcaggc
gaaaaccaag	tcccgcgga
tcagaggtca	ctgcttcgc
ggcgtcccag	gtctggccaa
acaagctctc	gctgctggac
gcaggtcaca	gctctccggg
tctgatccag	cgacggccgc
ggcactctgg	agagacctc
gctcgaaggg	gatgtcccca
tggccgagcg	cccgtggtag
tgccgtcgaa	gtcgggtgag
gcttgagctc	tccggagcgc
cgaccccaga	gctgtggcag
gccagcggct	cgtccagggc
gctcggggcg	ctccagcacc
ggatgacgcc	gcgcgcgcgc
taattgaaat	acctgtataa
aacccccatc	tgcatgcct
taaacgctca	ggctctggcc
tcaataattt	aaaacccaaa
cccttaagtt	agccactata
ggcacaggaa	tcagggcctg
ctgtccccctg	gggcttggga
atagcccccg	tgggcccagg
gacgtgcccc	ctcgcgtggg
gacgtgcccc	gacgcacacc
ggcggaaaga	gctccgggtg
agaggggcgt	ctgggggttca
tttggaacaga	cagagcttga
aaagcgaagg	tcaccagggg
ggaaaaagtc	agggtctggg
ccagtcaggt	gcagctcctc
agggtcgagg	gtgcacagcc
catccaggga	tgggcccga
gcaccaccgg	atcagctgct
tcggaggatc	tcctcgctct
cacgcccagc	gaccacacgg
cggggggctg	tacactcggg
acccgaaccg	aagtcgatga
gtccttaatg	tcgcggtgca
aaagcggcgc	
cgaagatggg	cctagcgcgc
ctcgaaccag	tccagcaggc
cagcagc	

<210> 3631  
 <211> 1468  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1468)...(1055)  
 <223> similar to gil899194 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3631  
 ttttgttttt ttttttttag aagcaaataa acattttatt tccacagcac gccttccctt 60  
 ttcccaaaga acatgagttt cacctcagcc atcaaagcag agggcgaaag ctgcaagtga 120  
 caaggcaaga ggctcctaga aaaatagatt ataccaaggg ctctcctcct ggggacccaa 180  
 acccgctccc aggcctcccc tcagagcttg ccaaattggag tgaaaggcat ggaaaggggc 240  
 tgggagaaaa gccagctcca ctgaacaaag gggagaggag cctggcagtg agcagacctg 300  
 ggaggggtgt ggggtgggat gagctttgct ccttggttga gtgctggaaa agggaagggg 360  
 gaagaaataa tttatgttga tgtaattaat gtaatgatga tgtaatggtg cgtgggttca 420  
 atcatggcga ccattccaga tctctctcaa gtgaagctaa attctggccg gtctatggag 480  
 gtagaaattg aggacggaag gaaagttag aatccctcct cccaggaga atagacattt 540  
 attaccagc tctacccttt ggcccagcct gcctcccaa atggcttcca aatccctcag 600  
 ctaaaatctg catcagaaaa tgggaattgga atggggatgt tgccttgccc aaacctcca 660  
 gcctcagaac tgataaagag gttgaagagc aggggtgggg aaaaggaagt taaggaatga 720  
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<210> 3632  
 <211> 5979  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(5098)

<223> similar to gi2887421 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3632

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 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (3)...(3951)  
 <223> similar to gi4589670 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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gacattcaaa	gccagattcc	caagtgcctg	atcatacctc	ccagtctcag	gaagatat	5220
gcttaccctt	tagaccaaga	atcttaagat	cttccccagc	tatgaagcct	atcttggaat	5280
gggaaaccat	gaaatttgtc	ttttaaaaga	aaggggaagaa	atagccttac	agccctgtt	5340
cctccaagtg	cacatttagc	cttaaaatcc	tgggagtcgg	gagacaccgt	ggagtccata	5400
catccacagt	gtctgctggg	cgtggtcaga	aggcagta	gcaagagtcc	ttttggtgaa	5460
gaagtgtttc	tatgtaagag	atgtttatat	ttaagtagtt	cttttataaa	taaaagcatt	5520
tctaattggca	aaaaaaaa					5539

<210> 3634

<211> 714

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (23)...(585)  
 <223> similar to gi2058378 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3634

tccgcgcggg	cttcggagga	gcccgcctg	ccagaggaga	gggaggtcac	ggcgtaaagg	60
tgcagctgcc	gccaccgccg	cttctgcaag	gtctcaggga	cgggctgcag	ccatgtccta	120
ttgccggcag	gaagggaagg	atcgaatcat	atttctaacc	aaagaagatc	atgaaactcc	180
aagcagtgc	gaattggtgg	ctgatgacct	caacgatcca	tacgaggagc	atggattgat	240
actgccaaat	ggaaacatta	actggaactg	cccatgcctt	gggggaatgg	ccagcgggtcc	300
ctgtggagaa	cagtttaagt	cagccttttc	ctgcttccac	tatagcacgg	aggagatcaa	360
ggggtcagac	tgtgtagacc	agttccgggc	catgcaggaa	tgcattgcaga	aatacccaga	420
cctctatccc	caagaggatg	aggatgagga	agaggaaaga	gagaagaagc	cagcagaaca	480
agcagaagaa	acagctccca	ttgaggccac	tgcaaccaa	gaagaggagg	gatcaagtta	540
atgaaggcca	caaggcactg	ggcaccagtc	cttttgaggt	ggaccttttg	caaaaggcct	600
tgtcatcacc	ttccaagaaa	gtttccttct	gttgctcctg	gcattataat	atacaaaaata	660
acttattttg	atgatcagag	gtcttgaggt	cttgacctct	tgacatatac	actg	714

<210> 3635  
 <211> 1258  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (42)...(287)  
 <223> similar to gil872200 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3635

atggaaaact	gtgcaactgc	aggtaccacc	cacgagtcgc	cgatcttggc	tcaccgcaac	60
ctccgccttc	tggattccag	caattctgcc	tcagcctccc	gagtagctgg	gactgcaggc	120
gcgtgccacc	acaccgggtt	aattttttgt	attttttggt	agatacgggg	tttcgccatg	180
tcggccaggc	tgggtctgaa	ctcctgacct	cgatgatctg	ctgcctcagc	ctcccaaagt	240
gctgggatta	caggcttgag	ctcctgcgcc	cagcccatgc	taagtctttt	acccagtggg	300
caaaactggc	acaacacagg	atttatactg	gagagcaacc	tcacaaatgt	aatgaaagtg	360
gtaaggcttt	ttatcaaagt	tccttgtctt	tggggtcatt	agaaaattca	tacagaatct	420
attaaaaatg	tactaaacat	ggaaagacct	ttaagcaaca	gtgatgtgat	gaagggtgta	480
gttttttaaa	tgaactccca	taagagtcta	cacaccatag	aactcatacc	aggaatcaca	540
aagtctctaa	atttccaaag	ttaactggaa	atattacaaa	ctgcagaata	attccaggcc	600
aaaatatgtt	aaattcataa	catgatgtat	atcaaaggaa	aaaaggacat	gtggaaatga	660
cacattatct	tcagtgtata	aaatattcat	ttatgtgaag	tttcttggaa	aggctacact	720

actattactg	gtttccgtct	gatgtttgag	atctgttgat	tttatgcttt	tcttacaggc	780
ctttcattat	gatctttggg	aaggaatcaa	taaaatgata	gggcctactt	cattaggtgt	840
ggttcattcc	tattcatgct	ccctggaaga	acaagaatgc	tgaattttga	aatttaatat	900
tgatgaatt	agcatcaggg	agaggtggag	aaaaatacaa	aactaaaagt	catgcttatt	960
gtgttcagtg	tgcccttctc	cagagggcca	ctggcttata	ggaaaggatt	gctgctctac	1020
cagttgacca	ggagatggca	cgccaggaca	ttaagacact	ggagttttgt	ttcgtttttt	1080
tttttttttg	agactctgcc	tcaaaaaaaaa	aaccaaacca	aaccaaagaa	ccagaatagc	1140
atgtgcacgt	atacacagac	gtttcacaac	tggcattatg	ttttgctact	gttttattta	1200
caatgtatca	caagttttat	gcccccaata	aatttaatca	taacttctaa	aaaaaaaa	1258

<210> 3636

<211> 2549

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1864)

<223> similar to gi4731910 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3636

atggatgac	agcaagcttt	gaactcaatc	atgcaagatt	tggctgtcct	tcataaggcc	60
agtcgaccag	cattatcctt	gcaggaaacc	agaaaagcaa	aatcttcac	acaaaaaaaa	120
cagaatgatg	tccgagtcaa	atttgaacat	agaggagaaa	aaagaatcct	tcagttcccc	180
agaccagtta	aactggaaga	tctgagatct	aaagctaaaa	ttgccttttg	acagtctatg	240
gatctacatt	ataccaataa	cgagttggta	attccattaa	ctactcaaga	tgacttggac	300
aaagctctgg	aactgctgga	tcgtagtatt	catatgaaga	gcctcaagat	attaacttga	360
ataaatggaa	gtacacaggc	tactaattta	gaaccattgc	catcactaga	agatttggat	420
aatacagtat	ttggagcaga	gaggaaaaaa	cggctatcta	taataggtec	tactagttaga	480
gatagaagtt	ctcctcccc	gggttacatt	ccagatgaat	tacaccaggt	tggccggaat	540
gggtcattca	ctagtatcaa	cagtgaagga	gagttcattc	cagagagcat	tggaaaccaa	600
tgctggatcc	aattatcttt	aagcagccct	gaaaattctg	gctcaggaag	ttgtccatca	660
cttgatagtc	ctttggatgg	agagagctat	ccaaaatcac	gaatgcctag	ggctcagagc	720
taccagata	atcatcagga	attttcagac	tatgataacc	ctatctttga	gaaatttggg	780
aaaggaggaa	catatccaag	aaggtatcat	gtttcatatc	atcatcaaga	gtattatgat	840
ggtcgtaaaa	cttttccaag	agctagaagg	acccagggga	accagcttac	ggtctcctgt	900
gagtttcagt	cctactgac	attccttaag	cactagttag	ggaagcagta	tctttacccc	960
agagtatgat	gatagtcgaa	taagaagaag	gggaagtga	atagacaatc	ctactttgac	1020
cgtaatggac	atcagcccac	ccagccgttc	acctcgagct	ccgaccaact	ggagattggg	1080
caaactgctt	ggccaaggag	cctttggaag	ggtctacctc	tgttatgatg	ttgatacagg	1140
aagagaattg	gctgttaagc	aagttcaatt	tgaccccgat	agtcctgaga	ccagcaagga	1200
agtaaatgca	cttgagtgtg	aaattcagtt	gctgaaaaac	ttgctacatg	agcgaattgt	1260
tcagtattat	ggctgtttga	gggatcccc	ggaaaaaaca	ctttccatat	ttatggaata	1320
tatgccaggg	ggttcaatta	aggaccaatt	aaaagcatat	ggcgctctta	ctgagaatgt	1380
gactaggaaa	tacaccgctc	agattctgga	gggtgtccat	tatttgcaca	gtaatatgat	1440
tgtccataga	gatatcaaag	gcgcaaatat	cctgcgagat	tcaacaggca	acgtcaaact	1500
aggagatttt	ggggccagca	aacggcttca	gacctctgt	ctctcaggga	caggaatgaa	1560
gtctgtcacg	ggcacaccat	actggatgag	ccctgaagtc	atcagtggag	aaggctatgg	1620
aagaaaagca	gacatctgga	gtgttgcatg	tactgtggta	gaaatgctaa	ctgaaaagcc	1680

gccttgggct	gaatttgaag	caatggctgc	catctttaa	atcgccactc	agccaacaaa	1740
cccaaagctg	ccacctcatg	tctcagacta	tactcgagat	ttcctcaaac	ggatttttgt	1800
agaggccaaa	ctgagacctt	cagctgatga	actcttaagg	cacatgtttg	tgcatatatca	1860
ctagcagcca	gtaacctctc	ctgtgcctct	acctagctcc	catctattca	ttcaccttct	1920
ctctgactgc	acttttcttt	tttataaaaa	aagagagatg	ggggagaaaa	aagacaagag	1980
ggaaagtatt	tctcttgatt	cttgggttaa	tttgtttaat	aataataata	tcctaaattt	2040
tttatattta	atcttttttt	cccttacaag	aacttgaagt	tttttttttt	aatttttata	2100
atgtactgat	ggggttcaaa	aagataaagc	acttttagtac	atagtccactc	tttttagtac	2160
aaacaaatca	tttgggaatac	ctaaagattg	tagagtcatt	ccctctatca	ctgacacatc	2220
agtgcagatg	ggaagacatg	gaaaacaagg	agaagaaaat	gatgtataat	ttgtagtttt	2280
tagtgatagt	attttaaata	tatcctcatt	tgtgggggtt	agccctaaac	tttagtttag	2340
ggtaggtact	caacttaaag	aatataggtt	tcttcttata	tctgtattct	ttagatccta	2400
acctctgtct	accaaccttt	ttgctcagta	ggagtcttga	tagaagatat	gaatctctga	2460
gaggtatggt	tatttggttaa	tcctaaccag	tataataagc	aaatacacta	taatagatcc	2520
acgttactgg	aatctgtaaa	ccttgaggg				2549

<210> 3637

<211> 415

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(188)

<223> similar to gi5726234 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3637

gctgagcttt	tgctcgccgt	ccaccactgc	tgtttgctgc	tgctcgagac	ccgctgctga	60
ctgccatccg	tctggatccg	gcagggtgtc	cactgtgtct	ctgatccaat	gaggcaccca	120
ttgccgctcc	cgatccggct	aaaggcttgc	cattgttctt	gcacagctag	gtgcccggtt	180
ttgtccta	ccagctgaac	gctagtcact	gggttcacg	gttctcttcc	gtgatccacg	240
gcttctaata	gagcgataac	actcaccaca	tggcccaaga	ttccattcct	tggaatccat	300
gaggccaaga	acccagggtc	agagaacaca	aggcttgcca	ccatcttgga	agcggcccg	360
caccatcttg	ggagctctgg	gagcaaggac	cccccgaccc	aataagagtt	tcgca	415

<210> 3638

<211> 2473

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (34)...(62)

<223> similar to gi4240315 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3638

acgcgccttg	aattccccgg	tcgacgggag	gcaggagact	gtaatggacg	gggatggggg	60
tccccaggac	ggcctaagaa	gaagcacaca	ggcatggcca	gcattgacag	cagtgtccct	120
gaaacaacat	cggatagttc	ccccacctta	agccggagac	cacttcgagg	gggctggggc	180
cccacctcct	ggggctcgagg	tcaggacagt	gacagcatta	gcagctcttc	ttcggactcc	240
ctgggctcct	catcctccag	tggaagtgcg	cgggccagtg	ccagtggagg	agccccggcg	300
aagactgttg	aagttggcag	gtacaagggc	cgccgccccg	agagtcatgc	ccctcatgta	360
cccaatcagc	catcagaggc	agctgcacac	ttctacttcg	agctggcgaa	gacagtgtctg	420
atcaaggcag	ggggcaacag	cagcacttcc	atcttcacac	atccatcttc	ctcagggggc	480
caccagggtc	ctcaccgcaa	cctgcacctt	tgcgccttcg	agattgggct	ttatgccctt	540
ggcctgcaca	actttgtttc	tcccaactgg	ctctcacgta	cttattcttc	ccacgtttcc	600
tggattacag	gccaggccat	ggagataggc	agcgcagccc	tgactatact	ggtagaatgc	660
tgggatgggc	acctgacacc	ccctgaggtt	gcacccctgg	ctgacagggc	atcacgggca	720
agagactcca	atatggtgag	ggcggcagca	gagctggccc	tgagctgcct	gcctcacgcc	780
catgcattga	accctaata	gatccagcgg	gccctgggtg	agtgcaggga	acaggacaac	840
ctgatgttgg	agaaggcctg	catggcagtg	gaagaggcag	ctaagggtgg	gggcgtgtac	900
cctgaagtgt	tgtttgaggt	tgtccaccag	tggttctggc	tatatgagca	aactgcaggt	960
ggctcatcca	cagcccgtag	aggggctaca	agctgtagt	ccagtgggat	cagggcaggt	1020
ggggaagctg	ggcgggggtat	gcctgagggg	agagggggcc	cagggactga	gccggttaca	1080
gtggcagcgg	cagcagtgac	agcagcagcc	acagtgggtg	ccgtcatatc	gggtgggtct	1140
agtttatacc	caggtccagg	actggggcat	ggccactccc	ctggcctgca	cccctacact	1200
gctctacagc	cccacctgcc	ctgtagccct	cagtatctca	ctcaccacagc	tcacctgcc	1260
caccccatgc	ctcacatgcc	ccggcctgcc	gtcttccctg	tgcccagctc	tgcataccca	1320
caggggtgtg	atcctgcatt	cctaggggct	cagtaccctt	attcagtgac	tcctccctca	1380
cttgtgtcca	ctgtgtgtgc	tttccccgtt	ccttccatgg	cacccatcac	agtacatccc	1440
taccacacag	agccagggtc	tccactgccc	accagtgtgg	cctgtgagtt	gtggggccag	1500
ggaacagtga	gcagtgtcca	tccagcatcc	acgtttccag	ccatccaagg	tgctcactg	1560
cctgccctga	ccacacagcc	cagccctctg	gtgagcggag	gttttccacc	gcccaggag	1620
gagacacaca	gtcagccagt	caatccccac	agcctgcacc	acctgcatgc	tgctaccgt	1680
gtcggaatgc	tggcactgga	gatgctgggt	cgccgggcac	acaacgatca	ccccacaac	1740
ttctcccgtc	ccccccccta	cactgatgat	gtcaaattgg	tgctggggct	ggcagcaaag	1800
ctgggagtga	actacgtgca	ccagttctgt	gtgggggcag	ccaagggggt	gctgagccc	1860
tttgtgtgc	aggagatcgt	catggagacg	ctgcagcggc	tgagtcccgc	tcagtccccc	1920
aaccacctgc	gtgccccggc	cttccaccaa	ctggtgcagc	gctgccagca	ggcatacatg	1980
cagtacatcc	accaccgctt	gattcacctg	actcctgcgg	actacgacga	ctttgtgaat	2040
gcgatccgga	gtgcccgcag	cgcttctctg	ctgacgcccc	tgggcatgat	gcagttcaac	2100
gacatcctac	agaacctcaa	gcgcagcaaa	cagaccaagg	agctgtggca	gcgggtctca	2160
ctcgagatgg	ccaccttctc	cccctgagtc	tttcaccctt	agggtcctat	acagggaccc	2220
aggcctgtgg	ctatgggggc	ccctcacaca	gggggagtga	aacttggtg	gacagatcat	2280
cctcactcag	ttccctggta	gcacagactg	acagctgtct	ttgggctata	gcttggggcc	2340
aagatgtctc	acaccctaga	agcctagggc	tgggggagac	agccctgtct	gggagggggc	2400
gttgggtggc	ctctggtatt	tatttggcat	ttataaatat	ataaactcct	tttttactct	2460
agtaaaaaaa	aaa					2473

<210> 3639

<211> 2087

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (37)...(1787)  
 <223> similar to gil769467 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3639  
 cagtcattgt ccaaacctgc ttttttccga caaaattcag agaggaggaa cttcaagctg 60  
 ctggacacta ggaagctgag tcgggatgga actgggtccc cttccaaaat cagccctccc 120  
 tccactccca gcagccctga tgacattttc tttaaccttg gagaccaca gaacggcagg 180  
 aagaagagaa agatacccaa gctggtgttg cgaatcaacg ccatttatga ggtccggaga 240  
 ggaaagaaac ggggtgaagag gctgtcccag tcaatggaga gcaactcagg aaaagtgaac 300  
 gatgagaaca gtgagctctga cagtgaacac gaggagaagc tgaaagctca cagccagcgc 360  
 ctggtcaacg tgaagtcctg gctgaagcag gcgcctcggg acccatcact tgcccgggaa 420  
 ctcacgaggt accaggagag gcagctcttc gaggactttg tggttggtgtc tttgcacaag 480  
 aagcaggccg gggctgccta cgtgccaaaa ctcacccaac agttccctct gaagttggaa 540  
 aggtctttca agttcatgag agaagctgag gaccaactga aggccattcc ccagttctgt 600  
 tttcccgatg ccaaggattg ggttcctgtc cagcagttca ccagtgaac attctcgttt 660  
 gtcttaactg gagaagatgg gagcagaagg ttccggttact gccgaagact gctgcctgga 720  
 ggcaaaggga agcgccttcc tgaagtttac tgcatgtgga gccgcctggg atgcttcagc 780  
 ctcttttcaa ggatcttgga tgaggtggaa aaaagacgag gcattctctcc tgccctggtt 840  
 cagccactca tgagaagtgt catggaagcc cctttcccag ccctgggcaa aaccatcctt 900  
 gtcaagaact tcctgccagg ttcaggaact gaggtgatcg aactgtgccc ccgctggac 960  
 tcccggctcg agcacgtgga ctttgagtct ctcttctcct cctcagcgt ccgccacctg 1020  
 gtctgtgtgt ttgcctccct gcttctggag aggagggtca tcttcattgc agacaagctc 1080  
 agcatcctgt ccaagtgtcg ccacgcgatg gtggcgctga tctacccctt cgctggcag 1140  
 cacacctaca tcccgggtgt gccaccgcgc atggtcgaca tcgtgtgctc gccgacgcc 1200  
 ttctcatcgt ggtgtctctc cagctcgtcg ccactgtcga gggagctgcc gctggaagag 1260  
 gtccctgtgg ttgacctcgt caacagccgg ttctcagac agatggacga tgaggactcc 1320  
 atcctgcccc ggaagcttca ggtggccctg gaacacattc tggaacagag gaacgagctg 1380  
 gcttgtgagc aggacgaagg gcccttagac ggcaggcacg gtccagagtc cagccccttg 1440  
 aacgaggtgg tgtctgaagc ctttgtccgc ttcttcgtgg agattgtggg aactactct 1500  
 ttgttctctga cgtcgggcca gcgtgaggag agaaccctgc agcgggaggc cttccgcaa 1560  
 gctgtctcct ccaagagcct ccgccacttc ctccgagggt ttcattggaga ctcatagtt 1620  
 tcggggcttc atccaaggag cgggagctgc gccggcagga tgccaaagggt ctgtttgagg 1680  
 tccgagccca agagtatctg gaaacactcc ccagtggaga gcacagcggg gtcaataagt 1740  
 tcctgaaggg actaggaat aaaatgaaat ttctccaca gaaataactc tcagcctcaa 1800  
 ggaaaaactt ctcctagtgt cagccctatt ctttaaaaac agttcctggt ggcctttctg 1860  
 aaaggctggg tcccagggtg tcacggtgcg gaactggagg ccgcgggtggc ttctggccga 1920  
 ggctgggctc ttccctggat gaggacctgg gagccgctg ggaggacagc cccagaaagg 1980  
 gagcccgaga ccaggcgtgt cgcgcacatg caaatgggtt gttttggtgg ttgagagttt 2040  
 ttttttttat cttagatatt aaaagtaaga aaaatgaaaa aaaaaaa 2087

<210> 3640  
 <211> 998  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (907)...(550)

<223> similar to gi3925685 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3640

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tttttttttt ttaccaatgg aatagcagac tttctgccag atttttattgg ttaatggtaa      60
tataaaatat aagaaaaaaa caacttcaaa agagtcaaca atctgtatcc atctacatgg      120
tatctgacca ccattactgg gcttttgaag tacctcgtag tggacttcac aaatgattct      180
taatttttaa aaatgcaaag tgtcttagta tttgtgtatg acattttaa tcagaattta      240
cgtagtatag aaaaatactc accaaaatat ttataagcca cacacttaa atgcattgaa      300
catttatgaa agctccaaaa tttaaagcat agcatatata tttattttat aaaatagaaa      360
aaaaaataaa gtatattgat tgttctttac acattttgat tacactgaat ttgttaattt      420
aatattagtt caaataaaca ttgttattta aaaaatgctg agtacacgat taagctgaat      480
tttgttttcc atcagaaaaa gaacttcagg agtatataat ggtctacagg tgcttcccat      540
ccaaaacact aggtcttcat cttttgttcc ttagaccact cagggtgcttc ttttttagta      600
aagagtgttg gtttaggtgt aaatatattg tcttcatgct ctttaggcac attcaaagtc      660
tttgatttct gattttctgt cacatgtttt ggttctgttt tagtgagaag taagctgttc      720
tcagaatgtt tactatgcat cttaacgaga atctgtttca ttgctgccaa ttctgacat      780
ctttctcaag ttgtgcaata gattccgtca gtgaatcaat cttagaatct ctctgacgca      840
ctgattcaat gagatacctg taaggctgtt gagtctggtt taatagcgaa ttggctctgt      900
caagctatgt ctgttgatc tgtatggtgc aaacattaag tactggtatg ctgctgacaa      960
tctttactcc atcttcagta accttaggtt ggtagttt      998
```

<210> 3641

<211> 3325

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (137)...(1982)

<223> similar to gi4176525 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3641

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ctgagtcgcc tgcaggcagc gtgccaccgg ctgaagctct ggccagagct gcaggacaat      60
ggtggggact atgtctcagc tgctttgggc cccctgacca ccctcctgga gcagggcctg      120
ggggctcggc tgaacctgct ggctcactct cgacccccag tcccagagtg ggacatcagc      180
caagatccac caaagcacia agactctggg accctgaccc tgggactcct tctccggcct      240
gagggactga ccagcgtcct tgagctgggt ccagaggcag accagcctga ggctgctaaa      300
ttccgccagt tctggggatc ccgctcggag ctccggcggt tccaggacgg agccattcgg      360
gaagctgtgg tctgggaggc agcctctatg tcccagaagc gccttattec ccaccaggtg      420
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ctcccactga ccgtgtctgc tgttcaggga gctcaccag tgctgcgcta cacagaggtg      660
ttcccaccaa ctccagtcgg tccagccttc tccttctatg agactctgcg ggagcggtec      720
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aacatgtttg	aacataaaaa	aaaaa				3325

<210> 3642

<211> 1938

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1939)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (3)...(812)

<223> similar to gi4886467 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3642

gtggaaagaa	cagtcagaaa	gcctctcctg	tggatgatga	acagctgtca	gtctgtcttt	60
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aagtccttgg	aagattaaaa	gatgtcttta	atgaagactt	ttctaataga	aaaccattta	180
tcaataggga	aataacaaac	tatcgggcca	gacatcaaaa	atgtaacttc	cgtatcttct	240
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aagtccactg	gtctctcatt	actgtgacac	tctctaateg	aattatttca	ttttatgatt	540
ccaaggcat	tcattttaag	ttttgtgtag	agaatataag	aaagtatttg	ctgactgaag	600
ccagagaaaa	aaatagacct	gaatcttcag	ggttggcaga	ctgctgttac	gaagtgtatt	660
ccacaacaga	aaaacgacag	tgactgtgga	gtctttgtgc	tccagtactg	caagtgcctc	720
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tacagatatt	tcagatcagt	gggtgttggg	gccactattg	ttacctcaa	attttatttt	960
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tcatttttaa	ttttatgggt	ctgtgcgtcc	cccatattta	atatttatta	ttcaaacgca	1080
tgcatataga	cagagcatgc	agtgaagagt	attaaaaaaa	aaagcttagt	agatttggtg	1140
cagcttttga	aacttagggt	agacgtgaaa	ctgaaataca	ggtttcaa	ttacttcccc	1200
agaacctaaa	aatgcaagat	gtttttgata	ccaaccataa	cctcctgaga	atagtaagtg	1260
ttcccccg	gcattaagg	taagcctggg	ggtggtttt	gaccaa	atccctgt	1320
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gagaaaaagc	aaccttggag	gccagtaaca	atgacagatt	tcaatcgtgg	ttttaggaat	1560
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ttcaaaaactg	aaggctgact	gacttnagat	gttttgagg	tggctggaga	gaacagggaa	1860
ggtaatagag	acacacttag	tcccatggga	agcgcagcac	cgttgtaggt	tctttctcct	1920
gtcccattag	cgacctca					1938

<210> 3643

<211> 3654

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2333)

<223> similar to gi2827198 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3643

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gagccaacag	agacaatagg	agacttgtca	atgtgtcttg	atgggctaca	gttagagtct	180
gaagttgtta	ccaatggtga	aactacatgt	tcagaaagtg	cttctcagaa	tgatgatggc	240
tccagatcca	aggatgaaac	aagagtgagc	acaaatggat	cagatgaccc	tgaagatgca	300
ggagctggtg	aaaataggag	agtcagtggg	aataattctc	catcactctc	aaatggtggt	360
tttaaacttt	ctagacctcc	aagaccttca	cgaccaccac	caccaccccc	acgtagacca	420
gcatctgtca	atggttcacc	atctgccact	tctgaaagtg	atgggtctag	tacaggctct	480
ctgccgccga	caaatacaaa	tacaaatata	tctgaaggag	caacatctgg	attaataatt	540
cctcttacta	tatctggagg	ctcaggccct	aggccattaa	atcctgtaac	tcaagctccc	600
ttgccacctg	gttggggagca	gagagtggac	cagcacgggc	gagtttacta	tgtagatcat	660
gttgagaaaa	gaacaacatg	ggatagacca	gaacctctac	ctcctggctg	ggaacggcgg	720
gttgacaaca	tgggacgtat	ttattatgtt	gaccatttca	caagaacaac	aacgtggcag	780
aggccaacac	tggaatccgt	ccggaactat	gaacaatggc	agctacagcg	tagtcagctt	840
caaggagcaa	tgcagcagtt	taaccagaga	ttcattttatg	ggaatcaaga	tttatttgct	900
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acagacagca	atggcagagt	atatttcgtc	aaccacaaca	cacgaattac	acaatgggaa	1020
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ttcacagtgg	atggaattcc	atattttgtg	gaccacaata	gaagaactac	cacctatata	1140
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ataaaagatta	cagtgacaag	aaaaacattg	tttcgaggat	tcctttcaac	agataatgag	1320
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gagcaatgga	ccacagaaat	tctgcattga	aaaagttggg	aaagaaaatt	ggctaccag	2220
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caaatgacta	gtcagaacct	tgcttaacat	gagattttaa	cacaacaatg	aaatttgctt	2580
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aactgcaata	tacaagattt	tcctattaag	cctcttggtg	agaggcattt	gttaaaagtg	2760
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aagttggtca	cagcctgcaa	atgacttcat	ttggaagtct	gattgtttca	gttgctgac	3000
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aaagttatca	tttctctgac	atatgttgga	gtagtcattt	ccattcttta	cattgtcatg	3600
aactggattg	ataacctca	tctgcaatat	tttcaccct	aaaattttta	acag	3654

<210> 3644

<211> 1345

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1230)...(422)

<223> similar to gi3114818 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3644

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tggtgtcact	aaggacaggg	gcccttcagc	tccctctgga	tcgaggggct	cttctttgac	180
gtgtacagga	tgcacggctt	gcataggaga	tctgcctgga	ctgctgtcac	tctcgttgct	240
gttggtatgc	tccattgccc	cgttcagctc	ttcccgattt	gcgctggcta	agttgcccag	300
agtgggattt	cccattggaag	cggtagtgtg	tagagggtata	ctattctcag	ccattgaagc	360
ctgtaaagct	gcattgagag	gtgtgcagta	ggcgtggctg	ctctgcatgt	ttttaataag	420
ggaaggggta	ccactgatct	tttgtggcct	tcgtttttgg	aattctactt	catccactgt	480
ccatactgcc	cctttaacgt	tttctactcg	cacaaaacac	ttgtgaagac	taagattatg	540
acgcactgca	ttcttccacg	tggccgcggt	gcgtcggaag	taagcaaaca	ttcgtgtgaa	600
ccagttatag	atctcattta	gtgttagctg	cttttctgga	gattcgagaa	tggcctgcct	660
aattaaagat	gcatatgtaa	atggtgggtct	aacttctgcg	ttcttataaa	attcttgggt	720
ctgcgcaata	tctgctgacg	aaatgggcac	gttgatattg	tctgagtacc	gcctgcggt	780
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cagatccaaa	ctgctgtgat	tggtt				1345

<210> 3645  
 <211> 1283  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1284)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (1225)...(762)  
 <223> similar to gi5107820 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3645

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cacatatcct	tggtctatat	atacacatga	aagtttcata	aaacaataca	ctgatatttt	180
ccatgctgta	tctatttca	ttttttaaaa	tgctggtgtg	atcccattaa	actggtttca	240
aaataaatat	aacatgtaca	caacaacaac	aaaaaaaaac	actgggtag	agggccagta	300
agctcagcga	gtatcagcaa	ctgagacttc	atccttgtct	cacaaggact	aaaaagagaa	360
taatgttctc	attatgtggt	tcaatgccac	acccatgtat	ctgagatata	catgtcacia	420
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agacacatag	taagctcttg	agtgaagtgc	agatgataat	gacacgatca	cataccactt	540
aaaaatatct	taacaccttt	acttagatct	catctcatac	ttgtagcatt	tcttcaaatt	600
tactttgaaa	aaagagcttc	actgtgtgtg	gttgtcatac	acattcttct	acccaaccat	660
ggacctcttt	tttctctca	ggcgacttc	atctaatttt	tttagcactg	gcctggcctt	720
tttggaggag	gtggagtagc	tcttcagaaa	ggcttcaaac	acagtttcag	tggtgggatg	780
ggtactgagg	aaggccttct	ccaggacata	gaggtctact	cccttatcct	ctggaagtgc	840
tgaaatgaaa	ctcagcccaa	agtctatgag	cacaatgttc	agctgttcca	ggggggggtt	900
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caaaacctgc	ccaattgtct	tggctaagtt	ggagagaccc	tggggagttt	ttttcagtct	1020
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agcagttgga	agcatagtcc	acaaaaaaga	caactggggc	agatattcca	gcgcggcgac	1140
agcggaggag	cgcccggggc	tctgcacccg	tccgcctct	gccaaagccg	gcctccagcg	1200
ccgggtgccg	gtagccttgg	gaagcgggtg	ttnttncnn	ggccttgcta	gccccctggc	1260
tcattnnccc	cggcccggtc	tcc				1283

<210> 3646  
 <211> 1584  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1585)...(603)

<223> similar to gi206297 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3646

tttttttttt	ttggatttaa	aaacacttta	tagtgtgttg	tttttattga	gcgctcacac	60
ccgaaggggt	ggcggcggtg	gctgtgggtg	agtggggccg	cctgagcctg	ctcgggccac	120
atccacacat	ccacagagtc	cacctggact	cggaggaagg	ccgagaggac	acggacggtg	180
gccacaccca	cgctgcagtg	aaggcccaag	tgtgatggca	gagaaaagg	gaaagttaga	240
gaaagagcgg	tatctgacaa	taacttttct	cttggatgtt	aatttttttg	tctataaatt	300
ggaaaggaag	gctcggactg	aaataaatac	atttattctg	agtaatgacc	ttttgggagc	360
agtgtccgtc	aactctgctt	cgagagcgtc	tccacgtgag	gcagcagcgc	ctgtctcgcg	420
cctcgccgag	gcggaaccac	accgggcctc	cagcggaggc	ggctttctcc	tgtgtctgtg	480
aagggaagta	gcaggtgtgt	cactgttctt	aatggagcgg	acaatgatgc	cttttctctg	540
acagaaaaat	gtccggctta	actatgcaag	acaagacttg	gtcgtcacgt	tcgcgtctct	600
agttgatttt	gtcctggaat	atgtacaagt	tattggtggc	agccacggca	atgacattgt	660
ccacgggggtg	ccaggctgtg	tgcaggatct	tcttgttgaa	gtccagactg	tccacactga	720
tctcgtcttt	cctccgctta	ccccccgtac	acaccctccg	gggtttgagg	ctggcgcgcg	780
gtttgctgct	ctctctcgag	gcctccaggg	tcacatccct	ccgcgtgtct	ctatcaaaca	840
tctgaagaa	gttggtatag	gacccgggtca	tgatggcgct	atccgaaccg	ttccagcaac	900
actcaaactt	gtcaaagatg	cagtcgttct	catagagaga	gcagagcttg	ctgcgcaggt	960
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ccgacaggta	gtctctggtc	atcatgtacc	gcccactatg	actgaatttt	acatcggata	1080
tggatgaaat	tatttctgag	aagaaggacc	tactgctggg	atcttcaggc	tcttcaaaaa	1140
acttgagtg	tctgtcgcac	agggccgagg	agcgcagtgc	acacaggcgg	atggtccctt	1200
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tgattttctaa	gtgccataaa	ttaattctca	ggtcatccgt	agcgccgtga	tcctaaatgg	1380
gtctcgaagt	cttccatctt	cgtcttttcag	gttataacct	tctgctcttt	tatcccgctc	1440
acttattttc	cataatttta	tagttttatc	atttgtagac	agtagaaaat	gagcagcatt	1500
ctgttggtgt	aaccacctaa	ttttattaat	tttttctca	atttctagac	ttttcaaata	1560
gtcgatctcc	ggttcatgac	tgtg				1584

<210> 3647

<211> 2149

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1046)...(1711)

<223> similar to gi3873795 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3647

acgagcctgc	gttttccggc	cagaggacat	gatgcagggg	gaggcacacc	ctagtgtctc	60
ccttattgac	agaacctca	agatgagaaa	agaaacagag	gctaggaaaag	tggtcttagc	120

ctgggggactc	ctaaatgtat	ctatggctgg	aatgatatat	actgaaatga	ctggaaaatt	180
gattagttca	tactacaatg	tgacatactg	gccccctctg	tatattgagc	ttgcccttgc	240
atctctcttc	agccttaatg	ccttatttga	tttttggaga	tatttcaaat	atactgtggc	300
accaacaagt	ctggttggtt	gtcctggaca	gcaaacactt	ttaggggttg	aaacagctgt	360
tgtacagact	acgcctccac	atgatctggc	agcaacccaa	atccctcccc	ctccaccttc	420
cccttcaatt	cagggtcaga	gtgtgttgag	ttatagccct	tctcgttcgc	ccagtaccag	480
tcccaagttc	accaccagct	gtatgactgg	ttacagccct	cagctgcaag	gtctgtcctc	540
aggtggcagt	ggttcttata	gccctggagt	gacctactcg	cccgtcagtg	gttataataa	600
gttggcgagc	tttagccctc	ctcctccttc	tccgtaccct	accactgttg	gaccagtgga	660
gagcagtgga	ttgagatctc	gctaccgttc	ttcacctacc	gtctacaact	cacctactga	720
caaagaagac	tacatgaccg	acctacgaac	tttgataact	tttctcagaa	gtgaagagga	780
gaaacagcat	agggttaagc	tggggagccc	agattctacc	tctccttcca	gcagtcctac	840
tttctggaac	tatagtcggt	ctatggggga	ttatgcacaa	actttaaaga	agtttcagta	900
tcagcttgcc	tgtaggtctc	aggccccatg	tgctaacaaa	gatgaagccg	atctcagctc	960
taaacaagcc	gcagaagagg	tctgggcaag	agtggctatg	aatagacaac	ttcttgatca	1020
tatggattca	tggacagcta	aatttagaaa	ttggatcaat	gagacaatat	tagtgccact	1080
tgttcaagag	attgagtctg	tcagcacaca	gatgagacga	atgggttggtc	cagagctaca	1140
gataggagag	gctagtatta	ctagcttgaa	acaagctgcc	ctgggttaaag	cgcctctcat	1200
tccgactttg	aacacaatcg	ttcagtatct	agaccttact	ccaaatcagg	aatacttggt	1260
tgaaggatc	aaagaactat	ctcagggagg	ttgtatgagc	tcatttcgat	ggaacagagg	1320
tggcgacttc	aaaggacgaa	agtgggatac	agacctgccc	accgattctg	ctatcatcat	1380
gcattgtatt	tgcacctacc	ttgattccag	attacctcca	catccgaagt	atcccgacgg	1440
aaaaactttt	acttctcagc	actttgttca	gacaccaaat	aaaccagatg	ttacaaatga	1500
gaatgttttt	tgcattttatc	agagtgtctat	caacctccc	cattatgagc	tcattctacca	1560
gcgtcatgta	tacataacctg	ccaaagggca	gaaataatat	gtttcataca	ttgttgatgt	1620
ttctctacat	cataaagacc	aaagagtcag	gaatgcttgg	gagagttaat	cttgggtctat	1680
ctgggtgtgaa	tatattgtgg	atctttggcg	agtagcaagt	catatatatta	attctgacat	1740
ttagactatt	tactgaacc	agaagtcgaa	actaaacatc	tctgagccac	tgactcttct	1800
gaaataaaat	acacatgggt	gtatgttaca	gactctttag	atttaacaga	aaatgtagct	1860
gttatgaaat	gtaattgtaa	aaatatgtcc	cgtatcttct	atatcgagac	attgccttta	1920
attttatatc	gcttttcaga	aatttcagtt	gactacaaaa	ctgcaaccct	tggatttttt	1980
attgactcaa	aatagtgcc	ttccccttaa	tgaaatagat	tttgagtctt	tttttcattg	2040
taacccccaa	atgagaatca	tctacctgat	tcttgtaacca	aaaaaaaatt	tttttcagtc	2100
tttttttttt	ttaaagaggg	tttttgccaa	cccaaactgg	agggcaggg		2149

<210> 3648

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (834)...(92)

<223> similar to gi2232013 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3648

tttttttttt	ttcaggtgaa	attaaactga	tttaatcagc	acacattata	tacatgtatc	60
aaatttcaca	ctccataaat	atgtataact	tatatgtcat	ttaaaaataa	tgataaaatt	120
atatccagat	tcaagcgctt	cttgtagcgc	ttcccacagt	cctcacattt	ggatgggttt	180

tctccactgt	ggtactcttt	gttgggtcttt	acagtatgac	cgggcataca	agcctctttc	240
cacagtcttc	acattttcaat	ggctttcttt	ggcagtggag	tttcttatga	ttcaaaatac	300
tagaagcatg	tctaaagctc	ttcccgcagt	tatcacagtt	ataagatctc	tctcccgtgt	360
gggttctatg	gtggaagtca	agacctgact	tactaatgta	gcccttccca	cactcctcac	420
atttgatagg	cttttctcca	gtgtggactc	gttgatggac	caaaagatat	gaggaccatt	480
tgaagctctt	cccacattct	ttacaattat	atggtttctg	tcccatatga	atcatctgat	540
gcttatgcaa	atctagccta	tcaatgaaac	ctcttccata	cttttcagat	ttgtacagtt	600
tctctgctgt	gtggaccatg	caatgcctat	taagacttga	cctaagacag	aagctcttac	660
cacatatttc	acatttgaat	ggcttctccc	cagtatgaat	tctgtgatgt	ttctgaagct	720
ggaaattgtg	catgaaagcc	ttcccacatt	tctcacaatt	ataaggtttc	tctcctgtgt	780
gtaatttgca	gtgaacttga	agtatcgctc	tacatctgaa	gcctttccca	c	831

<210> 3649

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (773)...(600)

<223> similar to gil232163 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3649

aacgaatctg	gctctgcctg	aatcatcgat	gacagggcaa	aggcaactgg	agcagatggg	60
agctctggca	aacacggggag	gaggggtcttg	gaagagcccc	cgtccccagc	ggctagatgc	120
ttacacatgg	acgatctact	ctcctgactg	tggcctcatc	aggctggtgc	ctaccatctg	180
tggttgtaaa	ggtcccaaag	agggcctacg	gaaaggacag	gtgggctgga	aggaatgtgg	240
agaatgaccc	ccaggacagg	ggaggaggag	actggcccca	tcaatccagt	tcacagccgg	300
gaaaagtgca	ggaagacaga	caaacgaccc	caatgtgggc	gaaggacaca	cctccaagga	360
ctggagccgc	agagtccacg	tgacaaggag	acccaggata	gaaacactgt	gcggaggaca	420
cgggtgtcaac	ctcgggaagg	gcctcctatg	ctttccacac	caaattcccc	cacgggagaa	480
accctgccac	aaggcccagg	aaaccacaga	ccccaagcca	actgtgccta	gcacagacac	540
caaggaatga	cagcgatgcc	agtgacgcca	ggaggacttg	gcccttagcc	ccatcatcgg	600
ctgtatgatg	attggtgtgt	ctgcggcctc	cctctcgta	gactgcagcc	ttgggggaca	660
cgtagaactc	tgtctcctcg	ccctcagggg	ccttgagctt	acacttcccg	cagcacagca	720
gcggttgaag	cagcaccaca	gacagcagca	gcagtagcag	caggtgagga		770

<210> 3650

<211> 2069

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (24)...(1701)



<223> similar to gi2224713 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 3650
ggcacgaggc ccagtgggtat gggcctagtc cagactgccca caagtcccac ccattctacc      60
acaagcccca cccatcccac cacaagcccc atccttataa atgtaagccc ttccacttct      120
ctagaacttg ctaccctctc cagccccctc aaacactcag accccaccct cccaggcact      180
gactcccttc cctgtagtcc cccagtctcc aattcctaca ctcaggcaga ccctatggcc      240
cccagaactc cccacccaag tctgcccatt tccagtagga aaccctcac aagccctgcc      300
ccagatccct cagagtctac ggttcagagt ctaagcccca ctccctcacc cccaaccctc      360
gcaccccagc attcagacct ttgcttgccc atggctgtcc agaccccagt cccaacggca      420
gccggagggt ctggggacag gagcctggag gaggcactgg gggccctaag ggctgccctg      480
gatgactacc gtggccagtt tctgagctg cagggcctgg agcaggaggt gaccgccta      540
gaaagtctgc tcatgcagag acaaggtctg actcgcagcc gggcctccag tctcagcatc      600
actgtggagc atgccttggg gagcttcagc ttcctcaatg aagacgaaga tgaagacaat      660
gatgttcctg gggacaggcc tccaagcagc ccggaggctg gggctgagga cagcatagac      720
tcacccagtg cccgccccct cagcacgggg tgtccagctc tggatgctgc cttgggtccg      780
cacctgtacc actgcagtcg cctcctgctg aaactgggca catttgggccc cctgcgctgc      840
caggaggcat gggccctgga gcggctgctg cgggaagccc gactactgga ggcagtatgc      900
gagttcagca ggcggtggga gatcccgccc agctctgccc aggaagtggg gcagttctcg      960
gcctctcggc ctggttctc gaccttcttg gaccagtgc cagagagact cagctgcttc     1020
ctctgcccg tggagcgggt gcttctcacc ttctgcaacc agtatggtgc ccgcctctcc     1080
ctgcgccagc caggcttggc tgaggctgtg tgtgtgaagt tcctggagga tgccctgggg     1140
cagaagctgc ccagaaggcc ccagccaggg cctggagagc agctcacagt cttccagttc     1200
tggagttttg tggaaacctt ggacagcccc accatggagg cctacgtgac tgagaccgct     1260
gaggaggtgc tactggtgcg gaatctgaac tcggatgac aggctgttgt gctgaaggcc     1320
ctgagattgg cgcgcgaggg gcgtctgcga agggacgggc tgcgggccct cagctccctg     1380
ctcgtccatg gcaacaacaa ggtcatggct gctgtcagca cccagctccg gagcctgtca     1440
ctgggcccta ccttccggga gagggccctc ctgtgcttcc tggaccagct ggaggatgag     1500
gacgtgcaga ctcgagtggc tggctgctg gccctaggct gcatcaaggc tcccaggggc     1560
attgagcccc tgggtgtacct ctgccaaact gacacagaag ctgtgaggga agctgcccg     1620
caaagcctac agcagtgtgg agaagaggga cagtctgccc atcgacggct ggaggagtcc     1680
ctggacgccc tgccccgcat ctttgggcct ggcagcatgg ccagcacagc attctaaact     1740
attcaccatc ggggttcctg tgccccttcc ccccaacttt cagggtcac caggcactgg     1800
cagggagggt aagggctggc tccagatacc cctccccac agattcctag caatgaaaat     1860
ctaataatct cttctgttgc ccctggggtt ggagagtcag tgccctgcag caagtgcctc     1920
ccagcctcgg ctcagcacat cccttgccac aaatcagtgt ctggggcttg gccaccctgc     1980
cgctgcccag ccacatccct tggttttgta ttttatttac agagttttac agaaaataaa     2040
aaagcaaat  gtctttccta aaaaaaaaaa                                2069

```

<210> 3651  
<211> 1678  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (199)...(998)  
<223> similar to gi3874973 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 3651
gCGgtggaat tcatagacct cttacctgaa ggaaagagac aggcagcaat tgataaaatg      60
.accaagaaaa tgcagaagac cctagagaac accaagttcc gaggtgcacc gattataccc      120
gtggcgggcca agccgggggg accagaggcc cccgaaactg aagctccaca gggcattcca      180
gagctcattg aggtggtgaa gaaggtgaag tccatgcaga tgttccacat gcccatcact      240
tcagccatgc aaggagaccg gctgggcatc tgcgtcacc agtttgacc taagctgctg      300
gagcgcggtt tgggtgtgtg ccccgagtc ctgcacactg tccatgcggc cctcatctct      360
gtggaaaaga taccgtattt cggggggccc ctgcaaacca aggccaaagt ccacattaca      420
gtggggccatg aaacagtcac gggcggttg atgttcttca gtctgtctcc agataacttt      480
gaccaggagc ctatactgga ctctttcaac ttctctcaag aatacctttt ccaggagcag      540
tacctgtcca aggatttgac accagcagtg acagacaatg atgaggccga caagaaggcc      600
ggccaggcca cagagggcca ttgtcctcgg cagcagtggg ccctgggtgga gtttgagaag      660
cccgtcacct gccctcggct gtgcctgggt attggtcca ggctagatgc ggacattcac      720
accaacacgt gccggctagc cttccatggc atcctgtctc acgggctaga ggacaggaac      780
tacgccgaca gcttcctgcc caggctgaag gtgtacaagc tgaagcaca gcatggcctt      840
gtggagcggg cgatggatga ctacagtgtg atcgccgct ccctgttcaa aaaggaaacc      900
aacatccagc tcttcgtggg gctcaagggt cacttgtcca ctggggaact gggcatcatc      960
gacagtgcct tcggccagag cggcaagttc aagatccaca tcccagggtg cctcagcccc     1020
gagtccaaga agatcctgac acccgccctc aagaagcggg cccgggctgg ccgtggggag     1080
gccaccaggc aggaggagag cgccgagcgg agcgagccct cacagcatgt ggtgtcagc     1140
ctgactttca agcgttatgt cttcgacacc cacaagcgca tggttcagtc tccctgagtg     1200
tccggtgacc tccccaggg cctccttgcc cagcccagtc caggctgctg tgccaaatcc     1260
caaccagcca cgctcagcc tctcccagtc tctcctgca gtctgcagc agcagcccc     1320
acccccaaagc ttggtgctga gccctggtga ggagctgagg gggatgggtt gctggggcca     1380
ggaggggtctc tctccagcc cctgcacact cccaccagg acagcccca gcccaactag     1440
gaaagggcca tgggcagagg gctggtagcc agtatcttcc actgccccat ctgttgcca     1500
cctgcaggcc agtctcaacc ctccccagg tgggcaggca cttgatggct acaaataaat     1560
gtcccgtggc cccagccac tctactggtg tctctctctc tgtgacttca ctaggtcgc     1620
cgccctcccc agctgtgttc caaggggaat ctcagaaatc ccaagagttc ctgccag      1678

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<210> 3652

<211> 914

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(915)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2)...(278)

<223> similar to gi2411475 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3652

cttcttttta	atagtgaag	cccgaggaa	gcaagcagct	gggagaccag	agaaaatgga	60
tgatgaagac	cccattatgg	gtaccatcac	ctcggaagaa	gccctggcca	gacagccccg	120
gagatcaagc	atctcctcct	ggggatgccc	ctcccttgga	agaacaaaag	gagctccatt	180
atgcctcctt	tagtttttct	gagatgaagt	cgagggagcc	taaggaccag	gaggccccaa	240
gcaccacgga	gtactcggag	atcaagacaa	gcaagtggag	atttgcccag	agttcagtec	300
tggctggagg	agccacagcc	tgtctggggg	aaaggacaag	tcagggacca	cttgctgaag	360
cacgaagagc	ccttggtggca	atgttaacat	taactgatgt	ttaagtgtct	caagcagagc	420
agaaagaaaa	cagatgatgg	aattagagag	gtgggctcaa	atctaggccc	tggcactgtc	480
atcaagcaat	tactgcatc	cctctgtgcc	tcagtttccc	attctgtaaa	tcagagatca	540
tgcatgctac	ctcaaagggt	gttggtgaaca	ttaaagaaat	caacacatgg	aaatcaacca	600
acatgggtcc	tggaacaggg	cgttgtgtct	agtgttttct	ggtctctctt	ccttgaatag	660
aaaggctcctg	ctggcaagtt	ctctcaaggc	tggggatgac	caggcacaaa	aaacagggca	720
gcaatatgtt	ggtgtcactc	cccttcccaa	aactcttcga	agactcccta	ggaaagacca	780
gccctcagc	ctggcacttg	gttcatgatg	tgggatctta	tatccttgcc	agagtcatat	840
ctttgccac	ttttacctgc	aatccttgca	tcattattct	tgggttcag	tcnttcattt	900
atgagaccct	aggg					914

<210> 3653

<211> 1895

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (25)...(1543)

<223> similar to gi563129 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3653

actgtagacc	attagtccag	tgcggtggaa	ttcatcaacc	gaaacaacag	tgtggtacag	60
gtcctgcttg	ctgctggggc	tgatccaaac	cttgagatg	atttcagcag	tgtttacaag	120
actgccaaag	aacaggggaat	ccattctttg	gaagtccctga	tcacccgaga	ggatgacttc	180
aacaacaggc	tgaacaaccg	cgccagtttc	aagggctgca	cggccttgca	ctatgctgtt	240
cttgctgatg	actaccgcac	tgtcaaggag	ctgcttgatg	gaggagccaa	ccccctgcag	300
aggaatgaaa	tgggacacac	acccttggtg	tatgcccag	aaggggaagt	gatgaagctt	360
ctgaggactt	ctgaagccaa	gtaccaagag	aagcagcgga	agcgtgaggc	tgaggagcgg	420
cgcgcttcc	ccctggagca	gcgactaaag	gagcacatca	ttggccagga	gagcgccatc	480
gccacagtgg	gtgctgcgat	cggaggaag	gagaatggct	ggtacgatga	agaacaccct	540
ctggctcttc	tcttcttggg	atcatctgga	ataggaaaaa	cagagctggc	caagcagaca	600
gccaaatata	tgcacaaaga	tgctaaaaag	ggcttccatca	ggctggacat	gtccgagttc	660
caggagcgac	acgaggtggc	caagtttatt	gggtctccac	caggctacgt	tggccatgag	720
gaggggtggc	agctgaccaa	gaagttgaag	cagtgcccca	atgctgtggt	gctctttgat	780
gaagtagaca	aggcccatcc	agatgtgtct	accatcatgc	tgcagctgtt	tgatgagggc	840
cggctgacag	atggaaaagg	gaagaccatt	gattgcaagg	acgccatctt	catcatgacc	900
tccaatgtgg	ccagcgacga	gatcgacag	cacgcgtgtc	agctgaggca	ggaagctttg	960
gagatgagcc	gtaaccgtat	tgccgaaaac	ctgggggatg	tccagataag	tgacaagatc	1020
accatctcaa	agaacttcaa	ggagaatgtg	attcgcccta	tcctgaaagc	tcacttccgg	1080
agggatgagt	ttctgggacg	gatcaatgag	atcgtctact	tcctccccct	ctgccactcg	1140
gagctcatcc	aactcgtcaa	caaggaacta	aacttctggg	ccaagagagc	caagcaaagg	1200

cacaacatca	cgctgctctg	ggaccgcgag	gtggcagatg	tgctgggtcga	cggctacaat	1260
gtgcactatg	gcgcccgcctc	catcaaacat	gaggtagaac	gccgtgtggg	gaaccagctg	1320
gcagcagcct	atgagcagga	cctgctgccc	agggggctgt	actttgcgca	tcacggtgga	1380
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<210> 3654

<211> 983

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (37)...(272)

<223> similar to gil710216 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3654						
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<210> 3655

<211> 3848

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3849)...(0)

<223> similar to gil665803 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3655

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<210> 3656

<211> 6995

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3900)

<223> similar to gi3327058 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3656

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cgagcccacc	gtcgcgccct	agaccctgac	agctgcagct	gccttgccct	gccgcgcct	6240
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gtctctgctt	ccctgtctac	ctgactggcc	agggcccaag	accccgctg	ctccactgct	6360
gggctgggct	ggctgactcc	ctgcttcttc	caagctgctg	cctccctgct	agccagggct	6420
tgggcagggt	gcagccggct	ctcggggcac	gcagcttctt	tcaagtacac	tgtgtgtgct	6480
tcccggacct	gcggcgatgc	cacgggcctg	ccttttctat	gcgcctcact	agcttaccac	6540
cctgtgcagg	taatgcaact	gactttgtct	catcagttct	tttctttccc	tgccacctt	6600
tatttatcaa	gcgtaatgtt	acactttaaa	ggacagcaaa	taagaacttt	gtagaatccc	6660
accaggactt	tgctaacaat	aatgtttgga	aataaagaag	tgctctgaaa	aaatatcagc	6720
cacaaaaata	gttatgttgg	cactgtgttc	acacgcatgg	tccccacacc	cccaggttgg	6780
gtgggttttt	ttgttttttg	ggtttttttg	gggggggggc	tttttcatgt	tacatccata	6840
tctgtattta	tatcttattt	gtttcacttt	caagggtatc	atggcaaatg	tacagatttt	6900
tttgtaata	atgtgctagg	atttgctaaa	aaagaaaaaa	aaaaaacctt	tttgagtttg	6960
ccctaaaata	aatgagactt	aattcaaaaa	aaaaa			6995

<210> 3657

<211> 1155

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1071)...(481)

<223> similar to gil665823 in the genepept database release 114,



Run with FASTXY 3.3t00, default parameters

```

<400> 3657
ttttgctcta tgaagaaatt cactttaaca cttataactg taagactttg catacattac    60
aacagtgcac tagtgataca agttgtaaaa tacgtttcca ttcctttgga ttttgcatat    120
gatgggttttg catcagtcac tgcaggtaga ttgagcaagc tttttgtgtt tgttttttta    180
aacatgcatt caactagata tgattcagaa tagattaata ctcccttttt atcattacag    240
ttagctaaaa aattgccagg gcagtccaca aaacagaatt tgctttaaga ccaaccaca    300
gagtcagctg gagactaacg gcgctggggc ctgctggggc gggatatagt cgtgttttagc    360
taagtgtcga gagcattaag aagaaagtcc tgggtggagg cgcaaggcct gcagcaccag    420
ctgtggaatc cccaataatg tgactgcaca gctccgtcct caaacatttg caggtgatca    480
ccactgaggg ggcacatagc tgtaagtggg cgttccctgg ggcccggtag gtgggcacag    540
tgaccgggtg gggggcgaca ggagttgggg agtgagcagt cagcagggtg cctgctgaca    600
tggccatggt ggtcccagcc accatgcccc tggtgacccc gttgcctcta ggagggggga    660
tgggagcagg gtacaccgtt gcaggcatgc cgttgggctg caccaccgtg gtgtggtgga    720
tgacgtgagg aggtgctgca tacagcggct gtgtgtagta cgtgccttgc tgtgcatacg    780
ggctctgctg ggggtaggca cttcgcacag ggtacacggc agtctggtag gggttcgggg    840
aggaggagta cggtggcaca gcccgcctgg tgggggaaca ggacactttg taagggtgtgc    900
caggagtgtg acctgttttg aaggtaggat tgcctccagg atacatgtta ggagaatagg    960
caggagctgc tgctgcatag cccatgggaa aaccagctgg ataaccaatt cctttggcat   1020
ttgcataggg aaccccagaa gatccaggac tataaacagg attcatgatt tcaaaaacct   1080
ccgagccccg cgtctccgcc gcctcccgga cgacgaactc ccgctcgctc ggctccgctt   1140
ggcccggcca cgaaa                                     1155

```

<210> 3658

<211> 1841

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1843)...(513)

<223> similar to gi3415109 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3658
gagaaccaga atgcttatat tttattagta tccaagactg gggagaggga tggggtggga    60
gagatcaaga attggggagc agatgggagg cgctacctca ctcaggagac acgagttctt    120
atccaagttc aaggtgaaag aagtggaggc aggaagagaa atctccctgc tagcaaccagc    180
gactcaggga gaaactctgg gcccatagct agctggaggc agggtgacat tgctcccacc    240
aatgggcat cttcttagct acacctttgt agctgtggtg ccaggcagaa gaaccacctg    300
gaaactgagc taaggcaggt tcttcttcc aacagaagac acagctgggc agggactgtg    360
cagactcaac agggccaggc cagctagtgg ccagtcagtg ttcattgtctc tcaccagtgc    420
ctggagggtc cccagccaag gaaagaactg gtcagttcct gccagcagct tgagctggaa    480
tgccctggga gggtcagtag aggggtggtc cttgaggagc ttcacagaga ggcggatgtc    540
aacatcgag aggaagatgt ccatgaggtc atggcctgcc tctgtgcta tctgggagat    600
cacgtggccc ttcggacca tcaggagttt cacataagat tctttgggca ccagaagctt    660

```

ctgttgata	accagctccc	cacctggtcc	tctctccac	actgctgtct	tctgctgtac	720
attgtaaggc	acctcctggg	gcaggtgttc	taggagcttc	tctcggataa	tggtggcaca	780
gatctcttct	ggtgtctggc	tagtgaggac	tgcactgtgg	tactcccagg	gccctggctg	840
ggcctgtgtc	agaaggtatt	gcttttagtgt	tttcacatcc	tcttggttta	gggctgacaa	900
catgaagatc	tcttgaagt	ggggccagcc	aatcctctga	ggatttccca	cagatttgtt	960
gtttgggtcc	ttactgctg	ggctggggca	atgggtgcc	gggtgtgagt	ggaaggcctg	1020
cctcatcttg	agctttttgc	cattgaccac	accttcagtg	agggtgccc	tgagctccag	1080
gagaactgac	ttctgcttca	aacaatctac	cttgttcatg	accaggacac	tagggatctg	1140
ggagtacttg	gtcaagcacc	tgagcaactg	ggggctgagc	tggttccgtg	tccacttgtc	1200
tgagacatcc	acaagaacca	caacaagatc	agcagattcc	atgctcttcc	atggatcttc	1260
caacaaagag	agctccaggt	gatgcctctt	ctgtttacca	ggactgataa	tgccagggtg	1320
gtcaagtaga	atcacctggg	tctccttctc	tgtgatgacc	cccagagctt	ggcagcgagt	1380
agtatgcacc	ttcctggaaa	cagggaacac	ctttcggccc	agtagctggt	tggagagtgt	1440
tgacttccct	gcattcgggg	ctcccaggag	gaccactcgt	aggacccggg	aattctcagg	1500
catatcaggg	tgatggacca	agaggacatc	ctgctcatct	ctgttcatgg	acaccgcggg	1560
gacgcaagga	gtcaccgaac	tgctgggctg	agagaatccg	aggaagtggg	ccagggcaga	1620
gccctggcca	ttactgcgag	aagccgaggc	caagcgggga	ccagagaaag	cggaccccg	1680
gacgcaggac	acgcacctcc	gttgaagcc	taagagttag	gaaaaagggg	tcacccgctc	1740
cctcgcgaca	tgagggccca	cctgccagac	tcttaacacc	gattgaacaa	gcctagcccc	1800
gcgccagctg	ggggcagcca	tctcgtgccc	aagcttgggc	t		1841

<210> 3659

<211> 1917

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1069)

<223> similar to gi4583418 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3659

atggcgctga	gtgaacccat	cctgccgtcc	ttttccactt	tgcgccagccc	gtgccgagag	60
cgcggcctgc	aggagcgctg	gccgcgcgcc	gaaccgcagt	ccggcggcac	cgacgacgac	120
ctcaacagcg	tgttggaact	catcctgtcc	atggggtctg	atggcctggg	cgccgaggcc	180
gccccggagc	cgccgcccgc	gccccgcgcg	cctgcgttct	attaccccga	accggcgcg	240
cccccgccct	acagcgcccc	cgcggtgggc	ctgggtgtct	agctgctgcg	accgagctg	300
gatgcgccc	cgggggcccgc	actgcacggc	cgctttctgc	tggcgcccgc	cgccgcctg	360
gtcaaggccg	agccccctga	agcggacggc	ggcgggcggt	acggctgcg	ccccgggggt	420
gaaccgggtg	accgcgcggc	ctcaagcgcg	agggcgcccc	ggggccggcg	gcttcgtgca	480
tgcgaggtcc	cgggggcccgc	cccccgcccgc	cgcccgacac	accgcccgtc	agccccgacg	540
gccccgcgcg	cctgcccgcg	cccggctccg	gcgcctcctt	cccgcgcctt	ttcggtggcc	600
ctggtttcgg	cgcgcccggg	cccggcctgc	attacgcgcc	gcctgcgccc	ccagccttcg	660
gtctcttcga	cgacgcggcc	gccgcccgcg	cagccctggg	cctggcgccc	cccgcgccc	720
gcggtctcct	cacgcgcctt	gcgtccccgc	tggagctgct	ggaggccaag	ccaaagcgcg	780
gccgcccgtc	ttggccccgc	aaacgcaccg	ccactcacac	tctgcagcta	cgcgggctgc	840
ggcaagacct	acaccaagag	ttcgcatctg	aaggcgcatc	tgcgcacgca	cacaggtgag	900
aagccctacc	actgcaactg	ggacggctgc	ggctggaagt	ttgcgcgctc	agacgagctc	960
acgcgccact	accgaaagca	cacggggccac	cggccattcc	agagccatct	gtgcgatcgt	1020

gccttctcgc	gctccgatca	cctggcgctg	cacatgaaac	ggcacatgta	gccgggacgc	1080
ccccgcccac	ctgcgcgcgg	gccgtgggcg	ggttcccacg	cgccgggcgc	ggccccctcc	1140
caaatgtga	ctggatttta	ttggacccag	agaaccgggc	cgggcacagc	gtggctacag	1200
agggctctccc	tcgatgacga	cgacgacgac	gccaccaccc	cagcccccg	ctgtgactga	1260
aggcccggtg	ggaaaagacc	acgatcctcc	ttgacgagtt	ttgtttttca	aaatgggtgca	1320
ataattttaag	tggcatcttc	tctcccaccg	ggtctacact	agaggatcga	ggcttgtgat	1380
gccttgtgag	aaataagggc	cttaatttgt	actgtctgcg	gcatttttta	taatattgta	1440
tatagtgact	gacaaatatt	gtattactgt	acatagagag	acaggtgggc	atTTTTgggc	1500
tacctggttc	gtttttataa	gattttgctg	ggttgggttt	ttttttaatt	aaaaagtttt	1560
gcatttttta	aaaaaaatca	cagcactggt	ctgggtgctt	ggaactgggg	ccttggggca	1620
cttgggagga	ggggggagcg	gaaagtgtga	tggagggcag	ccccactaa	agcatcgtgt	1680
gcagtgggtc	ctgcgtctgc	cagcaccggg	actgccagct	gctgtgctg	cctgccagga	1740
acctgtgggt	ttttctgtaa	atttagacac	tgcattttag	gactgaggga	gggttatttt	1800
aaggttgttc	tttgagccat	aaattgcctc	tttgcctcac	atgctgggga	aagtgtggt	1860
ccactgacg	tggcctcctc	tacgttgaaa	aaaataaaac	tacttacctc	ttctctgg	1917

<210> 3660

<211> 1292.

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1293)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (904)...(621)

<223> similar to gi726395 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3660

ttttttttta	aaaaggtttt	gcatttcata	tttattatca	gtgcttcaat	atagaatggt	60
ttgtaatgat	tagcaacatt	gtaaaacacc	accaggtttt	tccaacacta	actgctagtc	120
ttttccagta	aatatttttt	ccccagacaa	aataaccaaa	cctaacacaa	tttcaagaga	180
tgggtgatacc	atcagcataa	taaccctaat	tacaaaaatg	gcaatactta	aaatcatgca	240
tattattttca	ccatttcata	aaactttatt	taaaatttct	acaaactttc	ccagtgtaaa	300
agactcctca	aaagctgcat	gataacatta	aactacaaaa	ttcactttgg	aaaagtaggg	360
agttattttt	ctaatttttg	ctttaagatt	ttttttttta	aatgggttaa	aagatacggg	420
gaggagtgtg	ttgagagagg	tggagaaaag	gagcttccag	tcaatgcatt	caccatatct	480
gaaaataact	cagttataca	aagggaacac	ttcgagagta	aggatatatt	ataaataagt	540
ctctcagcaa	gatgaacgga	tgaacagttc	aattgcaccc	acaggagaga	ggtcttcttg	600
gagaatgctt	gtttatagaa	tcttctgtaa	aatagagttg	gctacttcta	atgattcatc	660
ttgtactaaa	acaatatcat	aagagtccat	gtacttttct	aaaagctcat	ccactctatc	720
atttagatat	ccaattttca	gaatgtgctc	aacattggcc	actccatctg	ccattcttaa	780
gtctccttgg	gagtctccca	aggagaatta	tggtactatt	gtcttttagt	tgattgaaat	840
attctgtatt	cctcaaggca	ccatcatggt	tgtaaataac	atgaattagt	tctcctttaa	900
atcctttgag	cacccccctat	gaaaaatata	aatcttttga	acaggcttta	aaaattctat	960
ttgttggatt	ttcatatttt	ggagctctta	attgatgtca	ctattatttc	atcatatttg	1020

taaataacatc	tttgatacta	gagatetcaa	agcacttaag	tccatcacat	tcaccatagc	1080
taagaagggc	tgggagaagt	aaatgatttt	ttagatacta	ttttaaatgg	taaaacaaag	1140
gccggggcga	ggggctcccc	cctgtaatcc	cagccctttg	gaaggccaag	gaggccagat	1200
ccctcaaggt	caggagttca	aaaccaaact	ggccagtcga	cgcggccgcg	aattccagat	1260
ctgttttcgt	gntnctgann	ccgccatggc	tt			1292

<210> 3661  
 <211> 2092  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (428)...(685)  
 <223> similar to gi407992 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3661						
ttgcctgttt	ctctttctcc	caaagagctg	ggattaccgg	tgtgagcgag	cgcactcctc	60
ccccaaatt	gtttaccttt	acccgaagtt	ggtatgcatt	gacttacctg	tggacaacag	120
tgatttttgt	ctcctgtcct	tacttctctc	tgtctccaac	tctcagggac	tcattcatca	180
cctctccctg	cacccccacc	cctgacccgt	gctagtttgg	tatctatgcc	tgtagctttg	240
ctttggggca	tcctctgaat	ctcactatgc	acggcctttc	agatctggct	tcctgcactc	300
aatgtcatgc	acgtctctta	gtgccgtgtt	cccttaatgc	tgagtcatgc	tcatttgtat	360
ggatggacca	catgactgat	ttgcctcctg	tccttagtcc	tctcagcctc	caactctcct	420
tcctgcaggc	attgatgttg	aacaagtgtc	tgtcgtcatc	aactttgatc	ttcccgaggc	480
caaggacggg	aatcctgaca	atgagaccta	cctgcaccgg	atcggggcga	cgggcccgtt	540
tggcaagagg	ggcctggcaa	gtgaacatgg	tggacagcaa	gcacagcatg	aacatcctga	600
acagaatcca	ggagcatttt	aataagaaga	tagaaagatt	ggacacagat	gatttggacg	660
agattgagaa	aatagccaac	tgagaagctc	caccagccac	tgatgccagc	cctggcactg	720
cccctgcaca	ggagacaagt	gcatttaggg	cacaggcccc	gacatcaccc	caaggacaac	780
ggcagaagta	gagagaaact	acctacctca	cttcaaatta	tgtttggact	tgacaaaaat	840
aggtgcaa	gatggggggc	aatagaagaa	aaaatttgca	ttttggaaaa	ttgggtcctt	900
tccccacttt	tttaaagcca	cattccccca	tctttataat	aatctggtca	cagtggtagt	960
cgctggcccc	aggacccctt	cctgattttg	gctaggcatc	gtggaaccag	ctccagcccc	1020
tgaagaaacg	atagatgtgc	aggttgtgcg	gaagaggctg	agtggaaaat	ggtgtgagcc	1080
ccaccgctgt	gcatcgaatg	agggaagtgg	cagcagagag	gccagagctg	ccccctctct	1140
gtctcttcaa	tggacccttc	acaagtgttt	ctcctgccct	tggggctgtc	ttccttctcc	1200
tgaaatccag	agactttctt	gtcatccctt	tctccctttc	acttctgttc	tctgtgcag	1260
aaagcagact	tgcataatcc	tgatgagcag	ctcggctact	tttgtaaact	tcagatttgg	1320
agagaaacac	gaaagtctga	atcctgaccc	cttgagagag	agtgatctgg	cgagggccga	1380
tgaaggggct	gggcctgggtc	ttgccttctc	ttctctcggt	tgctccctct	gcctaggccc	1440
ctggtactca	gtcacggcag	ccaggagacc	ccagggtgag	ttctgagcgc	atacgtagtt	1500
ggttcttacc	cccagggtgtc	acacggggcc	gagagctgag	caagaatttg	gaatggaagt	1560
tatgaccaag	ggaattatgc	tgttcattta	taatagtggg	cattatggag	agctctgatt	1620
cctacataat	atgaataagg	atggataggg	cgggcgtggg	ggctcatgcc	tataatccca	1680
gcacgttggg	aggctgaggc	gggcggatcg	gttgagctca	ggcgttcggg	accagcctgg	1740
ccaacatgat	gaaaccccg	ctctacccaa	aatagaaaaa	aatatagccg	ggcctggtgg	1800
cgcacgcctg	tagtcccagc	tactcgggag	gctgaggtag	gaggatcgct	tgagcctggg	1860
tagaggctgc	tgtgagctga	aatggcgcca	ctgcactcca	gcctgggtaa	cagagcgaga	1920

```

ccccgactca ataaataaat aaggatggat aaattgtagc gtatgcacca ttcattatgc 1980
taagacattt taaagtaatt atgagaaacg ctctactaat gatttgtttt tatttgattt 2040
tttctgctta tttagacgaaa tatatactca ttttaaaaag gaaaaaaaaa aa 2092

```

```

<210> 3662
<211> 920
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (905)...(332)
<223> similar to gi4884206 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3662
tttttttttg tgagaaaagc cgttgaggtc ctctcaaadc tgcattgtgag caagtaggtc 60
tacaacaggc aaacataactg cttcccgact tctgaaaagt caaggaatcc taagtaattc 120
agatgaaaaa gtgactcctt ggtttcttca cattccctc caagagccca gtgagccatc 180
agctcctggc cagcaacaca cctgatacaa aatgggagaa gtgtataaat tattatgttg 240
ataagcaaga taagtgccaa agggtagata agagtgaag cattgggaag cctggcagag 300
tgcagtcagc aggtcagttc ctggcggttc attgagcagc ttggcccaaa gatgtaagt 360
aagtcctcc tggtggaggg atgagagcag ctccagttac tcggccttca tgacacagga 420
agttgaaggt ggcacaggca ttgggcgtgt cctgcacttc cacagcaatg ccccgctgcc 480
tcatggcttg aagcacctgg gactgcagcc tctcggtccg gtctccagtc cccaccacca 540
cgatctctat ccgggggtcc agcaaccaga agagggaaaa gctgtcttcg gtgatgtcct 600
ggtgggatcc cacgttccac tgcaccaccg agtgcgggag cagagcgagc gggccgagca 660
cgcggtttcc gtttatcatg aagccgcggc tgtttagct gtcgatgtac attgcctgag 720
cggcctcgcg ttgcagcaga gagatgcgag tccgctgata cagctcgtca tccgccggcg 780
agagccgatg cctcgcgcgc ggggccagg gaagctcaac gggcggacag cgcagcgagg 840
gtcgcgctcg gtacaagcta cgtagcgcca gagcggtggc catggctgac caacgcgcgg 900
cgaagtcgct accggcgccg 920

```

```

<210> 3663
<211> 1189
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1178)...(122)
<223> similar to gi899493 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3663

cggtcctaca	gtagagatgg	gcagtctgta	gccgagccag	gcatttcgtt	aaaggcagga	60
tctggtcceg	gaggtctggg	atctctggtt	atatgggact	tctgacctct	gggcacctac	120
tgacgtgtg	gctgaggcca	agaaatgtga	ggggcctcca	tccactgcat	tgagtagcga	180
ccccgacgtg	gggttcaatg	tggagcgggg	aggggctgct	gcggcagctg	caggagccga	240
ggtgccagge	cttgttcttc	tcatgccggc	atccctgctt	gcaggtgtga	agggggcagg	300
aatcagcgag	gtgtcctggg	ctgagtcccc	ggagtgggaa	gaggtggcag	gaaggggatc	360
tgaggaggag	aacaggggtc	ctgggtggtc	gtgcttcttc	ccagacacgg	gagctgtaga	420
ggggacctct	gcagcagatg	ctaggggggc	cactaggccc	aggcagtctt	gggacttggg	480
tctgtcctgc	tgtgcatcca	tagtgggtgc	tttagaaacg	ggaggcccac	ccgaagcccc	540
tgttgcaagt	gaggacaaag	tgtgggaagg	ccgtgagggt	ctgcagtccg	ggatggcctt	600
gtcctcaacg	tgacgtgcac	tgttgatgcg	ctggaatgcc	gtctcttttt	ccaggtgcag	660
gtcttcagcc	gtgacccggt	accccagctc	taagggaggt	ggcagcatca	aaggctcccc	720
tcgcctgcgt	ggcagcaggg	gaatcttgcg	tctacggggc	ctagagtccct	gggatctggg	780
ggagccaccc	ggtggggcga	ttgtctgccc	tgggtgctga	tctgccccct	tttcacaccg	840
tgtgtgaccc	gaagagacag	cctgaggcct	gtcctcactc	actgtctttg	agtaactgag	900
ggtcagctgg	cagcgggatg	aggctggccc	cctcctctgc	tttagccccg	gcaagcctcc	960
cgtggagctg	taggagctgg	agatggcatt	tcggttggtg	ttcgagctcg	tccaggatgt	1020
ctgggatgtg	tggttatata	tgattttctga	gctctggggc	tggaggtctg	tctgcagagg	1080
ccggggcctg	ggcacaaagg	gagagggggc	tccattgtcc	cgcagggggc	aaaatgcaga	1140
ccgtgcatcc	ccggtgaacc	tcgggaccgt	tctctgatca	tcaggattt		1189

<210> 3664

<211> 1159

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (41)...(425)

<223> similar to gi5734705 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3664

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cccagatcct	atggacatgt	ccctggacaa	ggcagaggcg	gcactggtgg	ccaaggagct	960
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ccaactatga	caacgtccca	gggcaatctt	catgcttagc	gcactgcgtt	gcgcctggga	1080
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tgggggtggg	actcagccc					1159

<210> 3665

<211> 5530

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(4500)

<223> similar to gil504040 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3665

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tcaattga	ggcaagcatt	taagggactt	gcctctctag	agcaactata	cctgcacttt	480
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ccaagggagg	aggagctcaa	gtgtcgggaa	ctgtctaact	tcaggttggtg	tgagtgcgtt	5520
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<210> 3666

<211> 4254

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (4255)...(2061)

<223> similar to gi3882261 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3666

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tgagggaagg	aagaatggag	cttgggagca	tgggatcatg	tatgtatacc	aggaaagaaa	180
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gcccagagct	tccttctgtc	tcctggagga	agcagagtcc	aagctggccc	agatgaggcc	360
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caaaggacca	cggcagggtca	aggacaggcc	actaaaactg	ttggtgctgg	gcaccatcac	660
ccaccctcac	caccatcaaaa	gacactgggtg	cagtgaagact	tcgagtctgc	aaaaaccccg	720
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<210> 3667

<211> 4956

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3207)

<223> similar to gi5689469 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3667

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agcaagcgtg	cccgggagaa	gcgcgacagc	cgcaacatgg	aagtacaggt	cacccaggag	180
atgcgcaacg	tcagtatagg	catgggcagc	agtgcagagt	ggtctgatgt	tcaagacatt	240
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<210> 3668

<211> 1647

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1500)...(1127)

<223> similar to gi536926 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3668

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taacaacaat	ttttcaaaac	gaatcaacaa	caaaaaagta	tccagtgttt	cttttcttat	180
gaagattatt	aataaaacac	agtatttggg	aagcacattt	taacagtatg	cttgtctttt	240
gtagggaaaa	ggaaatttgg	gtttgtctaa	catcgtggga	tccaatgtgt	ttgatatgtt	300
gtgccttggg	attccatggg	ttattaaaac	tgcatttata	aatggatcag	ctcctgcaga	360
agtaaacagc	agaggactaa	cttacataac	catctctctc	aacatttcaa	ttatttttct	420
tttttttagc	gttcacttca	atggctggaa	actagacaga	aagttgggaa	tagtctgcct	480
attatcatat	ttggggcttg	ctacattatc	agttctatat	gaacttggaa	ttattggaaa	540
taataaaata	aggggctgtg	gaggttgata	ttattaatag	tgttatgcag	aaaatatgaa	600

tggcagggag	gggcagagag	aaaaatccat	ttcttcattt	aatcaaaatt	ttaaaaaatct	660
tgaaccttag	aatctaaaac	ttacagtaat	ttaaaaccaa	ccaaaatcac	atcctaattt	720
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cattcattta	aactgaatga	ccagacttgc	tgtctttaa	aaccctaaact	tgagattaac	960
aaaaattaca	gtatattttt	aacattatac	tgttaaaagc	tggtgggagt	tttaaaagtt	1020
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gattttcaag	aaaggacggg	gggatttggg	aattttgtgt	ttttgtttca	aaaacataag	1560
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aattaatttg	tttatataat	taaattcc				1647

<210> 3669

<211> 2126

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1954)...(463)

<223> similar to gi971461 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3669

tttttttttt	ttccagagac	aacttctaag	tttctcttta	tttcttttgg	aaacaacctc	60
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tccagagact	gcttcctttg	taggaaaagg	aacaataaac	acttcccatt	aggtttctgt	180
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tgcaggctgc	ttgctgcca	gtttccagtc	tgttctggtc	caggaaagca	ccaccccatg	420
gcccttgctg	cttctggcag	gggtccctcaa	gagctcacca	tgtcccagtg	ctggctcatg	480
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gccgcatggt	cccctttgcc	acgaaa				2126

<210> 3670

<211> 698

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (78)...(569)

<223> similar to gi4150939 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3670

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ccgtgggcct	cggtcctgag	gactggagac	ccattcctg	ggactacggg	tggtccttct	480
gcctggcggtg	gggtcctttt	acctgctgca	tggcagcctc	tgtaaccacg	ctcaactcct	540
acaccaagac	ggtcattgag	ttccggcaca	agcgcaagggt	ctttgagcag	ggctaccggg	600
aagagccgac	cttcatagac	cctgaggcca	tcaagtactt	ccgggagagg	atggagaaga	660
gggacggggag	cgaggaggac	tttcacttag	actgccgc			698

<210> 3671

<211> 2146

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2140)...(1996)

<223> similar to gi2580578 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3671

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tgccccgcag	ccttcatagc	aaaggagaat	tctagaacca	accgaagtgc	ccctctgaag	120
ggagctggtc	ccgtccgttc	cagccgccgt	ggagtaacac	agccagcagt	ttccctcctg	180
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tggaggcgtg	cggatcattt	gagatcagga	gtttgagacc	atcctgagta	acatggtgaa	2100
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<210> 3672

<211> 1193

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1195)...(1011)  
 <223> similar to gi299471 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3672

tcctagtcca	tgtggaggaa	ttcagcccgt	taggacgtgg	gaaggtccac	aggtggggcc	60
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gtggtggaaa	ggggaggaga	actgggcagg	gcagataagt	gggtggggcc	tctggagggtg	180
gcgggggcaa	ggttggagcc	ccgggacgaa	gaagggacgc	gggtcagcga	ggcctgaaga	240
gtgggaggag	atgggacccg	gctgtagagt	gccagaggt	ctaggccagg	ggccgcgctg	300
ccgcaggaag	atgcgagagt	ttggctttgg	tgatctggtc	caccgggggc	cagtcttgcc	360
ccctctgcca	ccgcagcgta	gggcctcctg	cattccgttt	ctctggccgg	aagggtctag	420
tgttcatccc	tctcaggctt	tggcctcctc	ccactctccc	gccctggggc	ccattcgttt	480
aggaagaatg	ggagagccgg	tcgtggcccc	tgggcggggg	aaaggaggga	ggcttggtaa	540
acctctgctg	gggaggaccc	agtacagtgg	cagctccttg	tcggggaaag	aacggatctg	600
gggaaagaac	ggatctgctg	cacacgctct	tacaggggaa	ccctaagggg	cctgaggggt	660
agggttggt	ctccaccag	aggaaggag	aaatttttcg	agtcgtaaag	aatgtatca	720
gaagccatgg	aacatttaca	gccgcacacg	ctgggtctcc	caacaaacag	atccccaaaa	780
tattttccag	tgctgtactc	gtggcataga	cccagacca	cagaccagga	ggaagcgcta	840
gagatgtcaa	cagccaacaa	aaacagtgt	ttacacactt	gtaaaattgt	gaacctacagg	900
ggctgggcac	tgtggctcac	gcctgtaacc	ccagcacttt	gggtggccaa	ggtgggagga	960
ttgcttgagc	cccaggagtt	cgagatcagc	ctggcaaaca	tggtaaaatc	ctgtctctac	1020
taaaaataca	aaaattagct	gggcgtgggtg	gtgcatgcct	gtaatcccag	ctacctggga	1080
ggctgaggca	ggagaattgc	tggaacccaa	aaggcggagg	ctgcagttag	ccgagattgc	1140
gccattgcac	ttcagtttcg	gccacaaagc	gagagtcctg	ctcaaaaaaa	aaa	1193

<210> 3673  
 <211> 2427  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (20)...(972)  
 <223> similar to gill09880 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3673

agacagttaa	tgaggctctac	aagctgggtca	tccccatcct	agaagcgcac	cgagaattcc	60
ggaagctgac	actcactcac	agcaagctgc	agagagcctt	cgacagcatc	gttaacaagg	120
atcataagag	aatgtttgga	acctacttcc	gagttggttt	ctttggatcc	aaatttgggg	180
atttggtatga	acaggaattt	gtctacaaag	agcctgcaat	taccaagctt	cctgagatct	240
cacatagact	agaggcattt	tatgggtcaat	gttttggtgc	agaatttggtg	gaagtgatta	300
aagactccac	tcctgtggac	aaaaccaagt	tggatcctaa	caaggcctac	atacagatca	360



cttttgtgga	gccctacttt	gatgagtatg	agatgaaaga	cagggtcaca	tactttgaga	420
agaatttcaa	cctccggagg	ttcatgtaca	ccaccccggt	caccctggag	gggcggcctc	480
ggggagagct	gcatgagcag	tacagaagga	acacagtcct	gaccactatg	cacgccttcc	540
cctacatcaa	gaccaggatc	agcgtcatcc	agaaggagga	gtttgttttg	acaccgattg	600
aagttgccat	tgaagacatg	aagaagaaga	ccctgcagtt	agcagttgcc	attaaccagg	660
agccgcctga	tgcaaagatg	cttcagatgg	tgctgcaagg	ctctgtggga	gctactgtaa	720
atcagggacc	actggaagta	gccaagtggt	ttttggctga	aattcctgct	gatccaaaac	780
tctatcgaca	tcacaacaag	ttgaggttat	gctttaagga	attcatcatg	agatgtggtg	840
aagctgtaga	gaaaaacaag	cgtctcatca	cggcagacca	gagggaaatat	cagcaggaac	900
tcaaaaagaa	ctataacaag	ctaaaagaga	acctcaggcc	aatgatcgag	cggaaaaattc	960
cagaactgta	caagccaata	ttcagagttg	agagtcaaaa	gagggactcc	ttccacagat	1020
ctagtttcag	gaaatgtgaa	accagttgt	cacagggcag	ctaagaaaag	ccatcttcat	1080
tcgtggagac	tgtggccctg	caaccctgga	gaaggacttg	ctggtactta	aaaaatggga	1140
catttgccac	ccaggactga	ctgtacactc	cctgatcagc	cagcactctg	gaagcttttg	1200
gatcccagga	accatggaat	tattcccaaa	tggactctga	ccagattttt	gccatactgg	1260
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tgaggaaaaa	tggaaaaatt	atccaccagt	cgattcaaac	tgaatttcac	tctttatagg	1500
aaggcagggc	aaacttgtag	gagtaccgaa	acattttcaa	taaatctaca	aagggaagcc	1560
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actgttacca	ttaattttta	catgcattta	tagaagaata	cattcaaagc	actgatgtag	1740
gagatacacg	gtacttggag	cagtcagcca	aaaatcacag	atactgcttt	cacttaaatg	1800
gaaacaattc	tccgataatg	ctttgctttt	tttcttatgt	cactcttggt	tactatctat	1860
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cagaacattg	tgtgtctgt	cagcatatgt	atatcagcta	caaaatatat	tcaactttga	1980
cttcttttga	caaaggactt	taggaaaaag	aggaacaaag	acattatttg	agaattaaat	2040
tatatatttt	taatatgact	gtgaccttga	ctgataataa	agatgtaata	agaattgcaa	2100
gctaaatgtt	tccctttgca	actcatgctt	tgtgttttgt	tttgatgacc	tactcgctcg	2160
taatgttttg	taaggcactt	cagagagaag	acagatgcat	catcctggcc	tccatcaaata	2220
aacactatcc	aaggtggcac	ctcttctgca	atgtttaacc	ctgctgttgt	ccatttgggt	2280
ttgtttttta	cagtctcttt	tgtaccacag	tggatacatt	tgcttcatga	gtgcaggaac	2340
catgttcact	gctgcattct	tacccttagc	cctgggtcca	cctagcctgt	aagtgcccc	2400
tgagggtatc	aaagcacgcg	gacttcc				2427

<210> 3674

<211> 1766

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1767)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1552)...(1077)

<223> similar to gi5824799 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3674

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tttttttttt ttagaaaggc agatgatttc tttattgtaa agacagcagt tacaaaagag 60
aataaatatg acattaggat atatttgtaa aaaatacaac aaaaaccctt agtatttgtg 120
agcaacccca agaactcaca agtatggggg ataagaacat ctacagctgg ataccctgaa 180
acagatgtta gaaactggct aatggtgagt atggccatga ctttggggat gtttgaaagg 240
ccctggatct gtcacttggg aacgtcagcg gtctactgta atacaatttg cacagagtca 300
gagtgaacag gaaccctttt actcattggt atcctaacta ttctttcgtt cttacagtga 360
agtagtacag tatttaagag tggggaaaag gctgagctgg gaagacatag acggagcaag 420
gtgaagaggg agggactggg ggaatgctaa ggggccagga gaaaggtggc aggaaggagc 480
agacctctgt cctttctcta atgtgtgtaa ctgtgtggc atgctgttcc tcctgttgaa 540
gagtggacgg gcagtgggtc acccagcctc cattaagacc caccattacc caggaacaga 600
agatgcaaaa gcaactggca gaatcctacc aaagatgaga acagggaagt tgaatgtgaa 660
gcagagagga gtgcagagaa ttctccgaga aaatgggcat tttctctgag gacccaaaaa 720
gacagacata tctacacaaa ttgatatagc agactactct ttgatgggga atggtaaagg 780
gacaaggaca aagtgaaggt tgctgagaag atacaagttc tggctataag aagggcagag 840
gagcagaggg aggagacaga ggtgggcagg catctggccc accccaggac cctcctggag 900
gggcttggac actgggagga atgaaggctg gcacgggagc tggcacgggg tgggtggatgg 960
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gttggccttg agtttctgga aggtgtgctg gcgagcgccg ctctcctcct cctcccgtt 1140
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gaccttggct tcaaagaagt tcttggcacc tttagacacc tccagggccca catcgatctc 1260
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ctccaggtcc ttgatgaggg ggcggtgaa ctccggggaa ctccgtgtag ggggtgaaga 1560
ccctgcagcg ccggggcgcg gcagcgccct cggtgatgtc cagccgcccgg ctgagctggg 1620
cgctcaatcc gcgtcggcgc tggcgtggg cgcacggggc ggaggctcgg gctcgggctt 1680
gggctccggg gctggggcgc cgaggggagc cagctggggg ccactctcct cggccaccn 1740
acgccgcagc cggcgctcca gcttgc 1766
```

<210> 3675

<211> 2416

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2417)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (2383)...(2122)

<223> similar to gil872200 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

```

<400> 3675
tttttttttt ttttttttca caagttatat tttattttta cactgaggatt aacatatagt 60
tacaagggtca atacaagcct ccagtgggaag ctcttttattt ggtttaattc catctccaga 120
gacaaaacagg caactctagg accttttacag tggcgatcgg cctccacnac agcaaatgc 180
ctccaaagtt tagaattagt gcaacacaca tacgaacgtt ttaaagggtgc tcaacatcag 240
gttaaaatag aattctggac ctttttaaaa agtttttgga tgatataagc acaggaggca 300
gagccaataa gaaacatgaa accaatattt ctggaaaaac acttagcatg aacgtcactt 360
tttgacgtcg tgtaaaacttt cttctgcaat gacggatgtt accaaaaggc attgagacct 420
ttgcgctgcg ctgggttagac aagccgcagg cttatctcca cggtgagcag gataaaaacc 480
cccaagggaac agcccatgac aaccttctgt gcctttttat actttcccat cctacaaagg 540
aaaaactggg taaaggacaa gttcctcctt ttcattgctt ttctaagaac ttttcagggc 600
aggttctttt aaaattagtc atcttacaac acaacagtat tctagcacgg tggcgaagtg 660
acaggcggca gatacggggg aggaaggaga cgttcacggg aaattccaca ttctactcta 720
tgtgaactgc tccagaaaaa tacagacatg atttcacagt aggattccca gagtaaata 780
tgatacatag gacaactgac ctctctaaag aagcccggtt ggggcagcag tgagcttttc 840
atggagccac gcagactggc ccggaagcaa caccaggtt caacatttaa gagcactcgc 900
tataacattc tttttggacg caggtggtgg aaaagtttaa aaaacaggcg gaggagtgc 960
gggggggatac aagcatatcc tatactgggg gtgacggtca ttcaaagagc aaattactgc 1020
agcttatatc ttttccacta tggtgcaaga aatgaatcta tcctgaccca taatatgaaa 1080
gatgcgacgc acatgcattc ccgaggtctt aaaatcccat tttaaagaac cgtttcacat 1140
cctcgtggag tggagagtgg tccacttgac ttggtgaggt cagaagttcc tgaagatccc 1200
tgtcgtcccc gttggcgggg gagcccattg tggagctgtg gggactgccca cactcaccat 1260
gcacctgttg gtttgacagg acagaggtgc ggccttgact cttctcacc cttgtcatcc 1320
gggcttgtct ttcgtctgtc aagtcagtc tctgctgtga ctgatgggtg caccacgctt 1380
aggtcaccgg ttgcagggac cggaagtcca tggctctgcc gcaaccctga gcggtttgca 1440
gtcccccccg gggaagaagc agtcagagag gctcacgctc acctacttta aaaacccaaa 1500
gccacttcct cttcacctgc ctgggcctca gcgtctctgc gcttggtggtt tctcgtcccc 1560
gagggctgac tgagctgctc cggaagggtg gtgtgtggtc aaccttggtt ggctgagagg 1620
agcaatttcc tgggtttccac aagtaaagac agccccatcc cttgggacct gtcctttccg 1680
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gacatcatcc ccaggcttcc gtggcgctct cggtcacagg agcttttaggc caatggttcc 1860
tcttgactgt ttttgcccca aatgagagga ggggctgctt tgctttaagg cgtggcggcg 1920
gggggggggt ggtggccaca gattagggga cctcaggttt tctcaaaaaa cccacacagg 1980
gaaagaaact tggctctaaa agcaaaactca acgaattcca catgcctga agagcacgtg 2040
ataaaataca aggggtggtg cggcgggatc cctcaaagga ccacgagagg cacggggtct 2100
ttggtgatga aagtgctaac ctgcgcgggg tgcggtagct cacacctgt atctcagcac 2160
tttgggagggc tgaggcggggc ggatcacctg aggtcaggag tttgagacca gcctgaccaa 2220
cacggtgaaa ccctgtctct actaaaaata caaacattag ccgggcgtgg tgggtgcacgc 2280
ctgtaatcac agctatattg gaggtgagg caggagaatc gctggaacct aggaggtgga 2340
ggttgtagtg agccgagatc atgccactgc actccagtct gaacaataga gcgagactcc 2400
cgtctcaaaa aaaaaa 2416

```

```

<210> 3676
<211> 2416
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (2417)
<223> n = a,t,c or g

```

<220>  
 <221> misc\_feature  
 <222> (2383)...(2122)  
 <223> similar to gi1872200 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

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<400> 3676
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tacaagggtca atacaagcct ccagtgaag ctctttatctt ggtttaattc catctccaga      120
gacaaacagg caactctagg acctttacag tggcgatcgg cctccacnac agcaaatgc      180
ctccaaagtt tagaattagt gcaacacaca tacgaacggt ttaaagggtgc tcaacatcag      240
gttaaaatag aattctggac ctttttaaaa agtttttgga tgatataagc acaggaggca      300
gagccaataa gaaacatgaa accaatatct ctggaaaaaac acttagcatg aacgtcactt      360
tttgacgtcg tgtaaacctt cttctgcaat gacggatggt accaaaaggc attgagacct      420
ttgcgctgcg ctggttagac aagccgcagg cttatctcca cggtagcag gataaaaacc      480
cccaagggaac agcccatgac aaccttctgt gcctttttat actttcccat cctacaaagg      540
aaaaactggg taaaggacaa gttcctcctt ttcattgctt ttctaagaac ttttcagggc      600
aggttctttt aaaattagtc atcttacaac acaacagtat tctagcacgg tggcgaagtg      660
acaggcggca gatacggggg aggaaggaga cgttcacggg aaattccaca ttctactcta      720
tgtgaactgc tccagaaaaa tacagacatg atttcacagt aggattccca gagtaaatga      780
tgatacatag gacaactgac ctctctaaag aagcccggtt ggggcagcag tgagcttttc      840
atggagccac gcagactggc ccggaagcaa caccaggtt caacatttaa gagcactcgc      900
tataacattc tttttggacg caggtggtgg aaaagttaa aaaacaggcg gaggagtgc      960
gggggggatac aagcatatcc tatactgggg gtgacggtca ttcaaagagc aaattactgc     1020
agcttatatc ttttccacta tgttgcaaga aatgaatcta tcctgaccac taatatgaaa     1080
gatgcgacgc acatgcattc ccgaggctct aaaatcccat tttaaagaac cgtttcacat     1140
cctcgtggag tggagagtgg tccacttgac ttggtgaggt cagaagttcc tgaagatccc     1200
tgtcgtcccc gttggcgggg gagccattg tggagctgtg gggactgcca cactcaccat     1260
gcacctgttg gtttgacagg acagaggtgc ggcttgact cttctcacc tgtgtcatcc     1320
gggcttgtct ttcgtctgtc aagtcagtc tctgctgga ctgatgggtg caccacgctt     1380
aggtcacccg ttgcagggac cggaagtcca tggtctgct gcaaccctga gcggtttgca     1440
gtcccccccg gggaagaagc agtcagagag gctcacgctc acctacttta aaaacccaaa     1500
gccacttcct cttcacctgc ctgggcctca gcgtctctgc gcttgtggtt tctcgtcccc     1560
gagggtgac tgagctgctc cggaagggtg gtgtgtggtc aaccttggtt ggctgagagg     1620
agcaatttcc tggtttccac aagtaaagac agcccatcc cttgggacct gtcctttccg     1680
tccctgtccc tttggcttct ataggacttc cttgtcttag attcataaac agcaagagga     1740
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gacatcatcc ccaggcttcc gtggcgctct cggtcacagg agctttaggc caatggttcc     1860
tcttgactgt ttttgcccca aatgagagga ggggtgctt tgctttaagg cgtggcggcg     1920
gggggggggt ggtggccaca gattagggga cctcaggtt tcctcaaaaa cccacacagg     1980
gaaagaaact tggctctaaa agcaaaactca acgaattcca catgcctga agagcacgtg     2040
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ttggtgatga aagtgtctaac ctcgcgggg tgcggtagct cacacctgta atctcagcac     2160
tttgggagggc tgaggcggggc ggatcacctg aggtcaggag tttgagacca gcctgaccaa     2220
cacggtgaaa ccctgtctct actaaaaata caaacattag ccgggcgtgg tgggtcacgc     2280
ctgtaatcac agctatattg gaggtctgagg caggagaatc gctggaaccc aggaggtgga     2340
ggttgtagtg agccgagatc atgccactgc actccagtct gaacaataga gcgagactcc     2400
cgtctcaaaa aaaaaa
  
```

<210> 3677

<211> 1495  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature

<222> (1498)...(732)

<223> similar to gi32093 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3677

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caccttaaaa	aacctgggcc	ccagataatt	gttgaacctc	agatttagga	aggaaaattt	120
ccaagctgtc	agctaaaggc	agtttcccc	atttcacaga	atatgtggta	gaagttccga	180
gtaaggaatt	ttttcagcag	ccatgaaagc	tccctgcata	aggaagactc	agtgtgcaac	240
atctgaaagc	agtattgcc	gagcatgact	gtggcaatga	agcaaaatgt	tccctccacc	300
tatccctccc	tcccatgtat	aatgcttgaa	gggtcagtc	ctgaaataag	tagagagaaa	360
agtgtttgct	gaaagagcta	atacataagt	caaccttcac	tggtaccaat	gaaggcttcc	420
cagttcaaaa	ttcaacaccc	agaaaaggca	gaaattttag	ctttaaatta	agtttaatt	480
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ggaaatgaaa	aacattagct	tgtggattaa	atttaaagag	actgtaagga	gaaaaacata	600
ttttatgaca	tgctcttaa	ggactcctat	tatttcaatg	aatttgttac	agttataata	660
tgcttgat	aaaaaggcat	tatttattaa	gaaatctaaa	atgtaataat	atttcaatta	720
tatagtttta	gagaaccttt	cttgcccaac	acttttctga	tagcaagttg	gacatccttg	780
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acatctgtgt	tggtacaagc	cagaagaatg	actgctgaga	tgtcacagaa	gtaatgattg	1140
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aagaagccac	caattgcaca	ggcagctgcc	agttttccac	acacctgcca	gctcataaga	1260
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agcaggcagt	tggtaatggc	aaaaccaagg	aagaagaaca	ttgaagagc	acaacagttg	1380
aaggagattg	tcctggccac	agaaagtaga	ttgatgagca	tcttgggtag	aatgacaaag	1440
gtgtagaagt	ctcagatggt	gagagaaagc	caggaagagg	ccattggtgt	gtgga	1495

<210> 3678

<211> 5662

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (5664)...(456)

<223> similar to gi2662085 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3678

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gaagccattc	tctgtgtatc	ctccttggag	gcaggaagga	tggatctgcc	gataggcaca	180
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<210> 3679

<211> 2655

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2656)

<223> similar to gi2280485 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3679

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<210> 3680

<211> 4410

<212> DNA

<213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(4411)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (4411)...(749)  
 <223> similar to gi4240217 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3680

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gctgatcagc	gaggcctcca	gagcaatctg	gtcagaaaga	agcctcacct	gctcctgtctc	3360
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tgtctcttca	ggggtaactc	gtggctcttc	catgtccttt	ggagattcac	ttgcaaattt	4380
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<210> 3681

<211> 2752

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2)...(856)

<223> similar to gi4406821 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3681

gcgaccgcca	gcggctacac	ggtaccgcgc	tgagaagctc	aagtccatga	cgtcccggga	60
caactataag	gcgggcagcc	gggaggccgc	gcgccgctgc	cgcagccgcc	gtagccgccg	120
cagccgcagc	cgccgctgcc	gccgaacctt	accctgtgtc	cggggccaag	cgcaagtatc	180
tggaggactc	ggaccccag	cgcagcgact	atgaggagca	gcagctgcag	gaggaggagg	240

aggcgcgcaa	ggtgaagagc	ggcatccgcc	agatgcgcct	cttcagccag	gacgagtgcg	300
ccaagatcga	ggcccgcatt	gacgaggtgg	tgtcccgcgc	tgagaagggc	ctgtacaacg	360
agcacacggt	ggaccggggc	ccactgcgca	acaagtactt	cttcggcgaa	ggctacactt	420
acggcgccca	gctgcagaag	cgcgggcccc	gccaggagcg	cctctacccg	ccggggcgacg	480
tggacgagat	ccccgagtgg	gtgcaccagc	tggatgatcca	aaagctgggtg	gagcaccgcg	540
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ttagcgactc	tgcgctgtgc	ttcggctgca	agttccagtt	caagcctatt	cgggtgtcgg	720
aaccagtgtc	ttccctgccc	gtgcgcaggg	gaagcgtgac	tgtgctcagt	ggatatgctg	780
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aacccaagcg	gtcccaccgc	aaggcagacc	ctgatgctgc	ccacaggcca	cggatcctgg	1020
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tgggctgctg	aggggctagt	gcagtggctc	tgacctctct	tatcaagagc	acacttcttt	1920
gctgggtgct	ccttttgagc	atatgcgtgt	gattatttgg	aacagttaga	cttgccacgt	1980
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tttttacagc	ttttttccca	aaaatgattt	atagttgtgt	gtgcagcact	tcgccctgaa	2700
atgtgtgctc	tacaataaac	aaccaaatct	aatatatttt	gaaaaaaaaa	aa	2752

<210> 3682

<211> 2354

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (72)...(1700)

<223> similar to gi4691726 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3682

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tggttgacag	atctcggcaa	aagtgcattg	ctcagagcct	tgacttatcc	gaattggcca	180
aaagtgttaa	gaagaagctg	caggcgctca	gcaaccggct	ttttgaggaa	ctcgccatgg	240
acgtgtatga	cgaggtggat	cgaagagaaa	atgatgcagt	gtggctggct	acccaaaacc	300
acagcactct	ggtgacagag	cgcagtgtct	tgcccttcc	gcctgttaac	ccggaatact	360
cagccacgcg	gaatcagggg	cgacaaaagc	tgccccgctt	taatgcccga	gagtttgcca	420
ccttgatcat	cgacattctc	agtgaggcca	agcggagaca	gcagggcaag	agcctgagca	480
gccccacaga	caacctcgag	ctgtctctgc	ggagccagag	tgacctcgac	gaccaacacg	540
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ccactcggag	caaccggggc	cggagcatgg	actcctcgga	cttgtctgac	ggggctgtga	660
cgcttgacag	agtacctgga	gctgaagaag	gccccggcta	catcgagggc	aaaggtgcag	720
cagctcatga	aggtcaacag	tagcctgagc	gacgagcttc	cggaggctgc	agcgagagca	780
ctttgcaccc	atagatccac	aaagtgcagg	cggagaacct	gcagctccgg	cagcctccag	840
ggccggtgcc	cacacctcca	ctccccagtg	aacggggcga	acacacaccc	atggcgccag	900
gcgggagcac	acaccgcagg	gatcgccagg	ccttttccat	gtatgaacct	ggctctgccc	960
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ctccccctct	tatatagcat	ctccccctc	ctagttagca	ggggcctgca	aggcatcact	1980
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cttccccacc	ccttaatttt	aactttgtgg	taactgagtg	ccccgcgtg	cctgcgtgtt	2340
gagtgtgtgg	gcgg					2354

<210> 3683

<211> 2547

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (13)...(2535)

<223> similar to gi452821 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3683

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gcaactgctg	cgtaccacgc	gtcgtctacc	gacgtctccc	tggcgctgag	cgagctgcgc	180
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gctgtgggag	gtcaagggtca	aaggggtcgt	ctttctctac	cgagaggggt	ctgcccgtca	300
tgctttctcc	ttttctgggg	cccaggaggc	ctgtgcccgc	attggagccc	acatcgccac	360
cccggagcag	ctctatgccg	cctaccttgg	gggctatgag	caatgtgatg	ctggctggct	420
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gacattggag	gaagcacggg	cgtactgcca	ggagcggggt	gcagagattg	ccaccacggg	660
ccaactgtat	gcagcctggg	atggtggcct	ggaccactgc	agcccagggt	ggctagctga	720
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tgtcaagact	ctcttctctt	tccccaacca	gactggcttc	cccaataagc	acagccgctt	840
caacgtctac	tgcttccgag	actcggccca	gccttctgcc	atccctgagg	cctccaaccc	900
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taggacgctc	ctagaatttg	aaacacaatc	catggtaccg	cccacggggg	tctcagaaga	1140
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aactggtggt	cctgagctat	ctgggggtcc	tgcaggagag	agcgaggaga	caggaagctc	1560
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ccgtgccta	tgtctgcctg	gctatggggg	ggacctgtgc	gatgttggcc	tccgcttctg	1860
caaccccggc	tgggacgctt	tccaggcgcc	ctgctacaag	cacttttcca	cacgaaggag	1920
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acccgaggaa	caggacttca	tcaacaaccg	gtaccgggag	taccagtgga	tccgactcaa	2040
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gacgtcaggg	gaggctactg	ggacgctgga	aggcgctgtt	gatccccctt	tccagcccca	2520
tgccaggtcc	ctagggggca	aggcctt				2547

<210> 3684

<211> 2349  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature

<222> (29)...(1151)

<223> similar to gi2674195 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3684

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gaacggcgtg	ctggtgctga	gcctcctgga	caaaatcatc	ggggcccgtg	gaccagatcc	180
agctgactca	agcacagctg	gaggagcggc	aggcggagat	ggagggcgca	gtgcagagca	240
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cgcgcgctcc	aagaccgcgg	tctacaaggt	gccacccttc	accttcacag	tcaagaagat	960
ccgcgagggc	caggtggaag	tgctcaaggc	caccgagatg	gtggaggtgg	gcgccgacga	1020
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ccagcctggc	aaacacccca	tctctactaa	gcgaaaaccc	atctctacta	aaattacaaa	2040
aattagctgg	gcatggttgc	gcatgcctgt	aatcccagct	actttggagg	ctgaggtggg	2100
gagaattgct	tgaacctggg	aggtggaggt	tgcatgagc	caaggtcgcg	acactgcact	2160
ccagcctggg	tgacagagtg	agactccatc	tcaccggacg	gggatgagca	tgctgaaat	2220
cggcgctcct	ttttaggctg	acctgggggg	aaccgacttt	aacctgggag	gtggaggttg	2280
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cttcttagg						2349

<210> 3685  
 <211> 3269  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (3270)...(625)  
 <223> similar to gi2290534 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3685

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<210> 3686

<211> 3307

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (125)...(427)

<223> similar to gi4100164 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3686

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<210> 3687

<211> 2386

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(2387)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (7)...(1041)

<223> similar to gi2795825 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<210> 3688

<211> 3455

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (373)...(808)

<223> similar to gi3878110 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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aatgatgttt	tgtgaacata	gtaaaataga	ccattatact	atgtgtatgt	ttgatacagc	3120

gtcgccaaaa	ctagtgttct	ttattagtgc	ctctcacaaa	agatcctgga	tggaggagta	3180
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tatcaaaata	tgtttgggtt	tagattttaa	gttgcttact	gagcagattt	ctgcattggt	3360
tttccagtc	tgtaaaaagt	ttagaaactt	catatgtgtc	atcacagctt	ttgtaaagaa	3420
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<210> 3689

<211> 1266

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(445)

<223> similar to gi4530441 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3689						
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tttcgttcca	ttttccagca	catacaatca	gctcagtctc	agcgtagccc	ctcagaactg	180
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gatgggcata	attctaaaaa	tgaactacaa	agggttaatt	tttattaaat	gtatcaacaa	480
ctttgtgtaa	gtggtagaa	tatggtaa	gaccccaaag	tctattgagg	tgagcttgag	540
aaaaaaaaaga	gaggagtttt	ggaacaagt	cccatgatga	gagaagaaac	tttttgtgat	600
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ttacccctgg	gagcagtgtt	gcatttgtct	ttttgtcttt	ttttgtcttt	tggaggatgc	1260
agaggc						1266

<210> 3690

<211> 1006

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (8)...(370)  
 <223> similar to gil871612 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3690

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ccaaatgctt	catctgtggg	ataggcaatg	attacttcga	cacagtgccca	catggctttg	180
aaaccacac	tttacaggag	cacaacttgg	ctaattactt	gttttttctg	atgtatctta	240
taaacaaaga	tgaacagaa	cacacaggac	aggaatctta	tgtctggaag	atgtatcaag	300
aaagggtgtg	ggaatttttc	ccagcagggg	attgcttccg	gaaacagtat	gaagaccagc	360
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<210> 3691  
 <211> 2781  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (6)...(1437)  
 <223> similar to gil503988 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3691

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agtctcacat	ggcaacgaaa	acaacttgta	tgtcttcaca	aggatcagat	gatgaacaga	180
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<210> 3692

<211> 2548

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (202)...(1816)

<223> similar to gi3875448 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3692

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<210> 3693

<211> 3923

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (121)...(1223)

<223> similar to gi793845 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

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tctttaatac	tttccatgag	tactaaagat	tgtaatgagt	taccttatcc	ttagaagtag	3780
aatgtttgct	ttcttcttct	tggaaatggt	cctccaaaaa	gtccacttgt	accagtgaca	3840
agaagtcact	tgtatagtga	ccaagtacac	ataaaatact	gattataaaa	atattgtaat	3900
aaaccacttc	ctcatttgat	acg				3923

<210> 3694

<211> 5352

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(5353)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (5354)...(1402)

<223> similar to gi3327080 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3694

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gaatgcagaa	cagcttccat	tctacctgag	gcctagatct	gagatcgctg	tgaaacatta	180
aagtgacctt	caccatactt	gttttcccac	tcagatacac	attttatttc	atcaacacat	240
ccttgatttc	ctattacttt	ttttccaata	taacaaaatg	tttttagacga	tatatatgaa	300
aaaactaact	gctgtagggt	aggacctcat	tataaaatat	tggtgactgg	gcaccatcgt	360
tgacgaacga	ccacgatatc	ctnaccaaag	ggagccaatg	agctgttggg	acaaacgcgt	420
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gtgggcatcc	aacatccctg	ctccttgacc	ctctgcagga	ttccaggaag	ggctcccagt	540
gaaggtcatc	agggctccgt	acacagggca	ccgtgggggg	nagggcctat	ggctcacttca	600
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catcatggag	catatcacat	tcagattggt	ccatctgatt	catatgtttt	ttctaaaatt	960

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gccgcgagag	tcaggcgctg	gctaccgcgc	ccaccgctgc	cgccctcatt	cactttttcc	5280
gcgctgaccc	atcgtctctc	cacgcggggc	ggcggaggag	agcggcggag	cgcggcggac	5340
ggaaggggct	gg					5352

<210> 3695

<211> 803

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (479)...(684)

<223> similar to gi3002527 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3695

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tggcacctcc	tctccgcgcg	ttcttggggg	gaggctgggt	aattgttccct	gcaggggtgg	180
gggtgatagt	ggccagttga	ctgcgactgt	gtttgggtgg	tgggaagcct	gaagaaaagg	240
ttgtttctta	ccggtcgtcg	cctcaggagg	gtagtgcggg	agaattttcc	gctatgggtc	300
attctcgggt	tccgcggggg	agggcgtgac	aacgacgggc	gtgacggcga	agcaacagtg	360
tctcgagagc	gctgccgccc	ggagggcgcc	aggagaagtg	cgtccgagac	gccgcgcggg	420
gatgctcctg	aaaacgtctg	cccggcgtag	cgggaaccca	gcatgatttt	caggagtctc	480
tggtgccccg	gctggaatgc	aatggtgcgg	tctcgggtcac	tgcaacctct	gcctcccggg	540
ttcaagegat	tatcctgctt	cagcctcccc	agtagctgga	attgcgggca	tgtgctacca	600
cacctggcta	atTTTTgtat	ttttagtaaa	gacggggttt	ggccatgttg	gccgggctgg	660
tctcgaactc	ctgacctgag	gtgatctgtc	cgctcagcc	tcccaaagtg	ctaggattat	720
aggcttgagc	caccgcgccc	ggcctatttc	tgagtgttta	ttgtaaaaac	tatagttttt	780
aaagtttgcc	agatgcaata	aaa				803

<210> 3696

<211> 917  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(918)  
 <223> n = a,t,c or g

<220>  
 <221> misc\_feature  
 <222> (679)...(388)  
 <223> similar to gi2879865 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3696

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caaaataacc	aaaaaaatga	agaaagtgcc	taaaacatga	tacagcatTT	tagagccctt	180
tcagatacaa	ggcagagaaa	ggtgtaaagt	agaaaatatc	cggatcttca	gtaatttcca	240
aaatggtcca	attcctcagt	tggctgcagg	gcagctggca	gacccctgct	gctgctcctg	300
ggacagagcc	actaagtctg	ctcctcggga	cacaagccct	caggccctga	gctgagtga	360
cctctccctt	ccccttctct	tttcttctgc	tccatttccc	actccacaaa	ggtgtcaaag	420
agacttggcc	aggcctcatc	ttcactgtag	ttgctgaggt	cagggccaat	cacctgagtg	480
aagttaagga	acatgttcca	agtgtcccgg	gagatgcctt	tgatccccga	gggggttctct	540
gttaggaagt	ttagccattg	gtccaatacc	ggaggattgt	tctgggtaaa	gactagtttc	600
cacagggcaa	tggctatttc	ccgatgcagt	gaccgctgcc	cttcttcaga	gtccagggcc	660
aaactgaaat	gtaaaccggt	agagatcctt	gaatttatcc	tcttgtttgg	cttctgttaa	720
gagggctagg	ggaaccttgc	acagatttcc	gttcaatgct	gttttgact	tattgntttg	780
caggccattc	aaaaaattcc	tttctgcaa	caggaaaggg	aaaagggaca	tttattcatt	840
attaaattat	atttttacag	ggcattntac	tngtggttta	ggngcagggg	tttcaggccg	900
ntgggttggat	ttggatt					917

<210> 3697  
 <211> 2094  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1589)  
 <223> similar to gil469169 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3697

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ttggggctgt	tcgaggctga	ggtttgacc	tcctgcgtat	agacgggtta	gtagtgggtg	120

tgcctatccc	aacatccccc	tctcttctcc	cttacctgga	gtacccaagc	ctgtttttgc	180
tacagttgat	ggacaggaaa	agtttgaaac	caaagtaacc	acattggata	atgggcttcg	240
cgtggcatct	cagaataagt	ttggacagtt	ttgtacagta	ggaattctta	tcaattcagg	300
atcgagatat	gaagcgaaat	accttagtgg	aattgctcac	tttttggaag	aattggcatt	360
ttcgtctact	gctcgatttg	acagcaaaga	tgaattcttg	cttacggttg	aaaagcatgg	420
gggtatctgt	gactgccaga	catcaagaga	caccaccatg	tatgctgtgt	ctgctgatag	480
caaaggcttg	gacacgggtg	ttgccttact	ggctgatgtg	gttctgcagc	cccggctaac	540
agatgaagaa	gtcgagatga	cgcggtatgg	ggctcagttt	gagctggagg	acctgaacct	600
gcggcctgac	ccagagccac	ttctcaccga	gatgattcat	gaagcggctt	acagggagaa	660
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cacgcacatc	atggttggac	tggagagctg	ctccttctct	gaggaggact	tcatccccct	1020
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acctctgaca	agcaggagaa	ggtaagggcc	cggtcagctc	caaggagcgc	gctccacgcg	2040
cgtgcacaca	gcttccctgg	taataaagag	ctggcatctt	tcttaaaaaa	aaaa	2094

<210> 3698

<211> 2054

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1623)...(571)

<223> similar to gi2443338 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3698

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acgtccctcc	ctattgcaca	tggaccctat	atacaggccc	acctggctga	ggctggcggg	180
actcttggca	cattcttggg	tccctgctca	ggagggggag	ggtgacgggg	tggcatcaca	240

cgtgagatgg	ggacctccag	gogggccactc	tggctcctggc	tactgatcct	tgcactttctt	300
ggctcctcagt	tccttccctgg	tcccgtctct	ggccctgggc	ccctctggca	acgtcccccct	360
gcttggtctcg	gcctcccacc	tccatcctgg	cctcgggtgg	ccccctcggc	tcctgggggac	420
tctgctcccc	tcccagtcog	gaggtcccag	gggggctatg	gcttctctga	gacttcccccc	480
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ggaggaggct	tggtgacctc	agacaggaca	gaggggtccg	gcagcttcgg	ggaggggggtc	1500
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gaggaagccg	agcgtgcag	cccagcccca	ggggctccct	ccgctgtccg	cctttcaggg	1620
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ggggggcccc	cagccccacc	aggccggcgc	tccttgagca	agtcctggag	ggaaatcttc	1860
tcgcgactgc	tcagacgaca	cacagagctc	cttctgtgtc	tgctgctaga	gggcgcttgg	1920
ggctcctggc	cccggctctg	gcaagtttct	ttttgggttc	gaaggtcctc	gtgtttccgg	1980
gccagttcct	ccaacaggct	cagtacttcc	ggacgcgtgt	gtcgacgcgt	gaattccggc	2040
ccgatactca	gaag					2054

<210> 3699

<211> 1202

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1203)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (53)...(825)

<223> similar to gi5326919 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3699

ccggtagaag cccgcaattc ttgtgtagac ccacgcgtcc gcggacgcgt ggggtggaaga 60

gcaggccccag	gagctgcccc	cagggactgt	gctcaccg	aactgcaccc	gctgtgtctg	120
ccacggtgga	gccttcagct	gctccctcgt	tgactgtcag	gagtgcaccc	tggggaaacg	180
tggcagcagg	tggccccggg	ggagctgggg	ctctgcgagc	agacgtgcct	ggagatgaac	240
gccacaaaga	cccagagtaa	ctgcagttca	gctcgagcct	cgggctgcgt	gtgccagccc	300
gggcacttcc	gcagccaggc	aggccccctg	gtccccgaag	accactgcga	gtgctggcac	360
cttgggcgtc	cccacctgcc	tggatctgaa	tggcaggagg	cctgtgagag	ctgcctctgc	420
ctcagtggga	ggcctgtctg	cacccagcac	tgctccccac	tcacctgtgc	tcagggcgag	480
gagatggtgc	tggagccagg	gagctgctgt	ccctcttgcc	gcagggaggc	tccggaggag	540
cagtgcacct	cctgccagct	cctcacggag	cttcgaaact	tcaccaaagg	gacctgttac	600
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ccagaggagc	catacctgca	gagccagtgt	gactgctgca	gctaccgtct	agacccggag	720
agccctgtgc	ggatcctgaa	cctgcgctgt	ctgggtggcc	acacagagcc	cgtggtgctg	780
ccggtcatcc	acagctgcca	gtgcagctcc	tgccagggtg	ggtctgggca	gggaggggac	840
ggggcaggag	cctgggcaag	gacccagtgt	tgtgaaccag	acccaggaac	acacgtgtag	900
ctcctcactc	catccttctt	ccttgagtcc	ttccagtcca	cgtttttcct	tcttctcggt	960
gttcttgtta	atttcatctc	ctatcatgca	tacttgtggg	tgtctggggg	agttgcacct	1020
agttcaaacc	ccagctcatc	tgtttctctt	gtttccttgc	tcagcctccc	tgacatcatc	1080
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnc	caattgggac	ccccagttgg	gaggccaggg	1140
ggaaaatttg	ggttaattgg	accccggaac	cttcgggggt	taggggaacc	ctcccccccc	1200
ct						1202

<210> 3700

<211> 1738

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1502)

<223> similar to gi2546979 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3700

atggtaacgt	ggctttacag	atttttaccc	acttcaaata	tggccgcca	gctccgttct	60
cttttaccgc	ctgatctacg	gctacaattc	tggcttcacg	cccgcctcca	aaagtgtctc	120
ctctcgagg	gttgtggttc	ttactgcgca	ggcgcaaaag	caagtcctct	tccgggcaaa	180
atggcgatgg	gactaatgtg	cggacgccgg	gagcttctgc	gcttgtctac	gtccgggcgt	240
cgggtccaca	gcgtcgcagg	gccctcgcaa	tggcttggga	aaccgctgac	cacacggctc	300
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ccccgcagcc	tcagtacctc	tgctatctct	tttgagaag	tccaggttca	ggccccctct	420
gttgttgctg	caactccctc	acccacagca	gtacctgagg	tggcttctgg	agagactgca	480
gatgtagtcc	aaactgctgc	agagcagagc	ttcgctgaac	tggggctggg	gtcatacacc	540
ccagtgggac	tgatccagaa	tttactggaa	tttatgcatg	ttgatctggg	cctaccttgg	600
tggggggcca	ttgctgcatg	tacagtcttt	gcccgcgtgc	tgatttttcc	tctcatcgtg	660
acgggcccagc	gagaggcagc	caggatccac	aatcacttgc	cagagatcca	gaagttttcc	720
agtcgaatca	gagaggccaa	gttagcagga	gaccatattg	agtattacaa	ggcttcctcg	780
gagatggcac	tttaccagaa	aaaacatggt	attaaactct	ataaacctct	cattctccct	840
gtgactcagg	ccccaatctt	catctccttc	ttcattgctt	tgagagagat	ggccaacctt	900
cctgtgccca	gcctgcagac	aggtggcctc	tgggtggtcc	aggatctcac	ggtatccgat	960
cccatctaca	tattaccact	ggcagtcact	gctacaatgt	gggctgttct	tgagctaggt	1020

gctgagacag	gtgtgcaaag	ttctgacctt	cagtggatga	gaaatgtcat	cagaatgatg	1080
ccccgataa	ccttgcccat	aaccatgcat	ttccccacgg	cagtgtttat	gtactggctc	1140
tcttccaatt	tgttttccct	ggccaagta	tctgtctctc	ggattccagc	agtacgcact	1200
gtacttaaaa	tccccagcg	tggtgtacat	gacctggaca	aattaccttc	ccacggggaa	1260
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gagagcgtga	acaacgcacg	cggaatcagt	tggagctagc	agccaggggt	cctttacgac	1380
agacctttac	ccacaaccct	ctcctacaac	ctggaaagga	taaccctccc	aatatcccta	1440
gcagccagca	gcagcagcag	caaaccaaaag	tcaaagtatc	cctggcacga	cacacttggc	1500
tgacttatgt	tctgtgcgca	ttctggcagg	aattctgtct	cttcagagac	tcactctcaa	1560
aacaagactt	gacactgtgt	ccttgcccca	gtcctaggaa	ctgtggcaca	cagagatggt	1620
catttttaaaa	acggatttca	tgaaacactc	ttgtacttat	gtttataaga	gagcactggg	1680
tagccaagtg	atcttcccat	tcacagagtt	agtaaaccct	tgtactacaa	aaaaaaaa	1738

<210> 3701

<211> 3561

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3205)

<223> similar to gi3676530 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3701

atggatgctg	cggaagggg	ctgccatttg	ctgcccctgc	cagcggcgcg	cggacctgcc	60
cgcgctcctg	cagccgccc	cgccgcccgc	gccagcccgc	ccggcccctg	cagcggcgcc	120
gcctgcgctc	cctccgcggc	cgccggagcg	ggcgccatga	accccagctc	ctcggcggga	180
gaggagaaa	ggcgacggg	cggcagcagc	agcagcggaa	gcggcgccgg	gagctgctgc	240
ctgggcgccc	agggcgggcg	ggacccgccc	ggcgcagggt	cagccgccc	ggcgggggcc	300
gctgccctgg	acgagcccgc	ggccgcccgc	cagaaggaga	aggacgaagc	gctggaggag	360
aagctgagga	acttaacttt	ccggaagcag	gtctcgtaca	ggaaagcaat	ctcccgggca	420
ggcctccagc	atctggctcc	tgcacatccc	ctcagccttc	ctgtggcaaa	tggtccagcc	480
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aggctcaagg	gtcaacaaga	gaaaattttg	tacgtcatca	ctgggtgcac	aggcgtccgc	780
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acaaaggtcg	tctttttgtg	ataaaaacca	tctcttctcc	tctcatgaaa	cccttgcttg	1140
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ggtacctgaa	tccacggcaa	gtctttgatc	ttctcagga	agggccaaaa	gatgcgcttg	1260
aattgtatag	gaaagtacca	aatctgcgaa	ttctggcctg	tggtggggat	ggaacgggtg	1320
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atgaacctgt	ttctaagatc	ctgtgtcaag	tggaagatgg	gacagtgtga	cagctagatc	1500



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cctggggaaa	cccaggtgat	caccatgatt	tcgaacctca	gcgtcatgat	gatgggtata	1920
ttgaagtcac	tggatttacc	atggcctctt	tggcagccct	gcaagttggg	ggccatggag	1980
agaggctaca	ccagtgtcga	gaagtcatgc	ttctaactta	caaattccatc	cccatgcaag	2040
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ccaacatggt	acagaagagc	aagaggagaa	catccatgcc	tttactcaat	gatccccagt	2160
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tctcagcaca	gaggctctct	cctcggtggt	gcttcctaga	tgacagatct	caggaacatt	2520
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tgtcacagcc	ggcggggaca	cctccgggca	tgcctgacct	ggtggtggaa	caagcctcgg	2640
ggatctcaga	ctggtggaat	cctgccctgc	ggaaacgcac	gctgagtgac	agtgggctgg	2700
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tggggaccca	gacttggtcg	cgttaccata	gaaagccgtc	agaactataa	ggtcattggc	3180
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gcgtatcaca	tctgccctcc	ctgcaattgg	gcagctcccc	tggagaagac	tgatggaatt	3300
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ctaccaagat	gtacaacaga	acatgatagc	ccattgagaa	ggaggcagga	tacctggaga	3420
tttggtggaat	acagtacgag	ttccacaaaa	tttgatcctt	attgcttcca	gcaagtagca	3480
tgaacttctg	tgttcacctg	tataatttat	tttaaagatt	caaaggatgt	tcgtataaat	3540
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<210> 3702

<211> 2580

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2581)...(1593)

<223> similar to gi5731802 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3702

gaataccatt	aaacttcaaa	gaatcttcgc	ttgtgcttaa	aaataatgct	gtcaaattgc	60
ttcatacact	ttataagact	ttaggcaaga	aacattacta	atggtatcat	aaataagtat	120

tataacttta	ttaaaatgaa	aagacaatat	tcaaaataat	gcaacaaaat	gaataaaaatc	180
ctttgtccaa	tactgtacac	ataatgcaga	aatcagtgca	tttttcttaa	gcatgtttta	240
accttcattt	agttcatact	aaaatataat	aagctttaaa	tagctcaaat	aatattcagc	300
agtttaaact	gtaaacagct	tgtttaactg	ttaagagaac	attgcagtaa	tgtacctctg	360
ttagtgagca	ccttctcttc	tgtgcttata	tcttcaagat	aaatacatgg	aaggatgtga	420
aaatcggaac	accaactatg	tgtctcactg	catctaagtg	aagcagccac	agctgtgaga	480
gttttcaaag	cagaaagatg	ctgatgtgac	ctctggaatt	cagacatact	gagctatggg	540
tcagaagtgt	tttacttaaa	aagcaaacia	tcccaggaa	atactgaata	ggaaccagca	600
acacaaggcc	agcttgtgtt	gtatgtttat	taatacagtc	taaaaaaa	agcaaaacca	660
caacacacat	ccccaaacia	taactctcaa	tcacatagct	aattgcttca	ttatttttga	720
aaactgacat	cctaacactg	gcacctagaa	tacttttcca	tctgagtcta	acgtacccca	780
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gtacaggtga	caatatgggt	gccaaagtaac	ctgctctccc	tccctcaaca	agacgcaaca	960
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tagaaaaggc	ctaaaagcca	gaaatcttca	aacttactaa	acaaaaatat	tttttaatga	1140
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catttctcca	gcttgagttt	attattctga	atatatatta	ctctacgata	gtaactaatt	1260
ggttaacctg	cagctatggg	ctatggttat	accacaagtt	tatatatagg	tatgtaatgt	1320
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acaactgttc	taaaccttcc	acatgaagac	agagagttca	actattttat	tttgcaatct	1500
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gtgttgaaact	aacctttctc	ccattttcaa	taatgggcag	aatgcaagga	accttactgg	1860
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caaagctctg	tgtcgggggc	atgaccccat	tgaggtaaga	cgggaaggct	ttgggactcg	1980
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aagctctgtg	tatacaacag	ttggatatcc	ttatggctgg	cttggttaaag	gagccagctg	2220
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gaattccacc	tcacagtctg	tgtcatccag	agagagggct	tcagagattg	gcaacgggtg	2520
aagaggccta	gaaccccggt	cacaaagagg	ggcacagggg	aaaagggaag	gggagttttt	2580

<210> 3703

<211> 2903

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2904)...(1735)

<223> similar to gi5262591 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3703

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aatggctgcc	agttttccat	agagtcctta	ttgtgtcaca	gccctgcaac	actttgtaca	180
ctcttttggg	atacaacatg	cccatctccc	cgacaagaca	gagctccaga	ggacgggaac	240
catgtgcgag	aagttaaagt	ttgcaaccat	ttgaaaaaca	gtgtaaggcc	ccaatgggta	300
gccaacagg	tcccagtttc	aactaagttt	aacaaacttt	aaccagcaga	actccagggtg	360
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caaagggtgtg	gactgagcca	cttagtggca	gggaacaaac	accccgagagc	tgacaagaca	540
cttggtagg	aacttggttg	tgtggttcca	tctcactgga	ctctccaaca	atccttggtg	600
atcccagaac	ttcctgtgac	atgagggat	gtggcatttt	caagatgtca	cttgtcaact	660
aacagcaatc	gtcgatgaaa	atgggttcat	ttctgattcc	agaagcttca	gagcagtagt	720
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cctaagtatg	tcttccatat	gggttggttc	atatgcggtt	aacaccctga	tcaatgcagc	900
tttctgatg	gaatccagct	gtgttttggg	gtcaactccc	atgaaaaatt	gggtgtctta	960
ttgcataacc	aacactgtta	aatggaggaa	ggtcatagga	agagggagca	tgtgtttgtg	1020
ggataggagg	tctcttttaa	gtgagaagct	tgggagggtta	ggagtggag	ggtgtagcta	1080
gttgagggtga	agagtttaca	tgttcttttt	ggctttctgg	ggcttaagaa	aaaaccagg	1140
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gtaaaaaagg	aaaacttaaa	ttaaaagcga	tacattgtaa	gaacattaac	tacagtaaac	1260
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agggtgggatt	taactcaagg	tagactggct	ccagagccta	cctctgaatc	ctgacgttgt	1560
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gctttctggc	aacgttgaca	ctgataaagt	gtctcctggg	tgtgaactct	cagggtgctgg	1860
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ttgcattcag	cacagctata	ggc				2903

<210> 3704  
 <211> 1738  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1739)...(1512)  
 <223> similar to gi1041038 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3704

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ttcttcgggt	ttgggttttt	gttttttttt	tcaaaaaaaaa	caggacgttt	ggggggggcaa	120	
actttttttt	tttttcctta	acaagtaccc	ttgatctgaa	tgggcaccag	catttggtgtc	180	
agtattgggt	tcattcattat	tattattatt	attattacta	ttattatttc	ccatagccca	240	
gttcagggat	gcaaagggtct	ttaaaacttc	tggacaatct	ctggtacaat	gaggtgtctg	300	
ataactgata	aatcctatga	tgccagatag	gtgtaaaatt	ttttagaatt	ggcgtaatcc	360	
attatagtga	cttctagctt	ataaaaattaa	cagataccat	gatttcattt	tagtcatgtg	420	
ctttgataac	agaaaataat	taattagcat	ttaatgtagt	taacatattg	tggtaaaagc	480	
accattagat	ttgttttttt	gttttttttt	tttaatttcc	ttcagttttt	aaagggatac	540	
aagtttaaca	ataaaaaaca	taaaaagcaa	aaatagctcc	cctttttctt	gcaaggctgt	600	
tttttaccce	aataatttag	agtcctgggg	tgaaaggact	agaaaatcaa	aaatagaatt	660	
ttcaacaatc	tgtatcttac	aaagatatatt	agctatccaa	tgaaattgca	ctttactcaa	720	
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tttttaaatg	taagtgcagc	atttcaaaac	ttttaaaaaa	ctgaacagta	gtagtagtag	900	
tttgccattt	tcggaattgt	tctgcaatgt	gagtggtatc	attgtccttg	cgggccatgt	960	
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tataactgca	ttttcttttt	ccaatatggt	acagaaaaac	attgcccttt	gactgtcccg	1080	
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cgtaaggaaa	gtgtgtttaca	acaggaagtc	agtgagcaag	ggtagtcctc	cgctagccac	1260	
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<210> 3705  
 <211> 1740  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(1741)  
<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (212)...(819)

<223> similar to gi4107015 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3705

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cctctggcct	gcagtcggcc	acccaccccc	caggagggac	ggagccacca	cggccccgag	180
ctggcagtg	gcatgtgtgg	aggcccggct	cccagagacca	gggtacctgt	cccgcgagtg	240
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cctccatgac	ccccgatgcc	aaacacctgt	ggctggagtt	cagccacccc	gtggagagcc	360
tggcgctgac	tgtggaagag	gtgatggacg	tgcgcctgtg	gctggtgaag	gccgagatgg	420
aaaagttttt	gcagaacaag	gagctcttca	gcagtcctga	gaaggggaag	atttgctgct	480
gctgccgggc	caagttcccc	ctgttctcgt	ggcgcgccag	ctgtctcttc	tgcaagagag	540
ccgtctgcac	ttcctgtagc	ataaagatga	agatgccttc	taagaaattt	ggacacatcc	600
ctgtctacac	actgggcttt	gagagtcttc	agagggtatc	agctgccaaa	accgcgccaa	660
tccagagaag	agacatcttt	cagtctctgc	aagggccaca	gtggcagagc	gtggaggagg	720
cgttccccca	catctactcc	cacggctgtg	tcctgaagga	tgtctgcagt	gagtgcacca	780
gctttgtggc	agacgtgggtg	cgttccagcc	gcaagagcgt	ggacgtcttc	aacactacgc	840
cacgacgcag	tcgccagacc	caatccctct	acatccctaa	caccaggact	cttgacttca	900
agtgcagacc	ccaggtggcc	aggcctccag	gaggcaccag	gcaggccctg	tatcaggcta	960
ggacgctctg	agctgtgcat	gtacatatat	acatatatag	atacatttat	aatatataca	1020
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cacttcaaaa	ccctccctgg	gggaggctgt	ttcttctcag	gattccttgc	cagggaggaa	1140
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gcacagactg	catcccatgt	tcccatgtct	ttctccgtcc	ccaggaatgc	gaacggcagt	1260
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aggcaggaga	atcgcttgaa	cccgggaggt	gtaggttgca	gtgagccgag	attgcaccac	1680
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<210> 3706

<211> 3115

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (3110)...(557)

<223> similar to gi6002714 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3706

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ctccgagcct	gggcttcctc	aagagcgtgg	cccaagggcc	ccacagccca	gatccgggca	180
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tggccccggc	ccctataccc	cagtgttctc	tttgatccag	tcccgaacaa	gagggagcct	600
tgtgtacacg	cctggcttgt	tctctgagc	gcagccgtct	ccccagctca	ccacaccggc	660
ctggaagatc	cgcccatccg	cctccacgct	ggacaggggt	cccccggaat	caccctggca	720
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gcacettcac	atgctggttg	ttgggcacct	caatgttcca	tgtgcagtc	atgttgggtg	2040
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<210> 3707  
 <211> 3977  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (2)...(1940)  
 <223> similar to gi4240183 in the genepept database release 114,  
 Run with FASTXY 3.3t00, default parameters

<400> 3707

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ccagcctgga	gctgctagtc	agtttattgc	agcgacgccc	acaagtctaa	tggagggcgca	180
ggcagaagga	ccccttacag	cgattacaat	tcctagacct	tctgtggcat	ctacacagtc	240
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tgacatgtta	cccaacatta	gagaaagtaa	caaattctca	gacctgggac	caaaagaact	480
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tattgagatc	tcctctctcc	caggagattt	ggtaattgtg	gaaaaggatc	actcagctac	660
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aactagacac	agccgaatcc	ctgttttagc	acaagagata	gactcaactt	tgggaatcat	1080
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ccaaacccaa	tacagttcaa	ttgggaaaca	aaaaaaaaag	aaaggaatac	atttcctccc	3420
caagtgaaca	tcttctaata	ctgcatcaaa	gctgccctga	agctgcactg	aacttctctt	3480
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tcttcatggg	aaattatata	aatattttata	aatatataga	gagacataac	cttatataga	3780
gtcattcttt	gtcattctcc	atttgtaatt	tgcagatcac	agatggcgaa	attccttttc	3840
tattgtgtgc	ctcatgtaca	cttgggcctt	gcctatcttc	attttcttga	actatgttct	3900
tggcattgtga	cacctcagag	tcttcttgcc	ttccctgtgt	acaatgcaag	ggtgggcagt	3960
atttaacaag	ccaagaa					3977

<210> 3708

<211> 2215

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (2217)...(2020)

<223> similar to gil9917 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3708

tttttttttt	ttcctgagac	agcagagcat	aagtcctttt	aattatgtgt	ttgaaaaatg	60
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cttgtccatt	tcagccttgc	actcagaaag	accccggggg	gtctgtgtac	gttccacgtg	180
cttcatgttt	cgtggtatct	gtcagagcct	taaaacaggg	cccaccact	actgtgaaat	240
ttcaaggaaa	taactgattc	agttaaataa	cagtcceaag	gtagacctgg	tctcacaggt	300
gaccacccgc	ttaaattccag	agccttcttt	tctgtccaaa	gccactgaaa	tttgatctcc	360
tccttcacac	attcccaggt	ccccaatatg	ccaccacact	tctgacaggt	ggctacaggt	420



ctacactaat	ggaagctctg	ctaaaaacat	ctccacccaa	ccctcctgcc	aacgagggtca	480
gctggcaggc	atctgctaag	cccctaaact	ggtcagcgca	ggttatgcgc	ccattccgag	540
acccaaacaa	tactccagga	cttcgcacct	cctcctcgag	aggcaacgga	gagaactgct	600
cttacttcaa	tctgacagtc	aagggagagc	acacaaataa	aacgtcccat	ctggaagaaa	660
tcagggaagc	tggggaaatg	aggctgttca	tcaactttta	agagctcaaa	cttggctgtg	720
taactttcag	acctagctta	tggttgggga	ccacctgaac	tggccccag	ggttgccctc	780
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tgcaaaggcc	acgagggaag	gaccttttaa	ccagagcaag	gggaatctga	aatgccagaa	900
gggggaaggt	cggttcgcct	gaagacctct	tctggcctgt	gtggaaagga	cggccccctg	960
tcaaccctgg	ggaagcactg	cagatgtgaa	gcggtttggc	cactcttggg	cactgactga	1020
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tcaggctcctg	gtggacctcc	gggctgtcct	tgtccatgca	tttgatgatg	ttgtgaacca	1980
aaggtaaaaa	ggagtagttc	tcttccctcc	tgcgcggggc	aggtgactga	ggcgtggcg	2040
ccggcgactg	ctgcggttga	ggcgagggga	ccggcgggcg	ctgaggaggc	ggcagcggtc	2100
tgggtgtcagg	cagcgcttgg	tgggacgttg	gcggcaatac	atcctccgcc	tgtcgcccg	2160
ctgccacccc	agcagaggcc	atgggtccgg	gggtaggtta	gccagaggtc	gggtc	2215

<210> 3709

<211> 1555

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1557)...(261)

<223> similar to gill185452 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3709

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gggccccaaa	aaaaaaataa	tacctttccc	gccccggca	ctaaaatttg	gttctttaaa	120
acggcccccc	cctttttttt	ttttttgatg	ctgtgacttt	tattctaata	cacacattga	180
tttgattaaa	ccaagttcag	ggataaggca	aatatacatt	cttgttcccg	aaaacatccc	240
aggcagtttc	agcgtctttc	agcacagatg	aggtaggggt	ggggctgcaa	tgtcatgcct	300
aacctgggct	tcagatctgg	aactagttca	tgtggaaaat	gcaaataaaa	cctctgaagc	360
aatgctgtaa	aaaacaagaa	catttccatc	cgagccaagt	gttctcccaa	ggacaatgtc	420

ttcttcctag	ggggaaaaag	ggaacccaaa	gcttcccttc	ttggggccaa	aatatcccac	480
tgctggtccc	aggaaatcgc	tcagggatgg	ggaacacttt	ctgggggtct	tctcccggta	540
cttttttcca	tccaaggtgg	tacaggaatt	aaggtttgta	attacttggt	gtgccttttag	600
gaatggaata	accacgtaca	actgcatctt	cagaggttgc	atggaaaatc	cctaattggaa	660
ctatattaca	gaatcttaaa	acttcatgca	aaactgcctc	agtataaggc	attttgcat	720
tgctgtccca	agaaggcttc	ccattagggc	ccataattaa	atcaatctct	ttctgaactt	780
gtccttgaat	attaggataa	agggccatga	aaagaatcgc	ccaccgtagc	acattgggtg	840
tagtttcagt	tccagcaatg	atgagttcac	ccactgagaa	aattagggtt	tctttggaga	900
aagtagatga	tgggtcattt	ttaccttgat	ccatctcatc	taaataagca	tcaacaaaat	960
gctgaggtag	ctgaggcttt	ctgttgactg	aagctttttc	aatgagtctg	gagagaaaat	1020
catagactac	agctgtcatt	tctaaacag	ctgttgatgt	tttccaaaag	gcaggatgcc	1080
aatccatgga	aaggcattat	acaagaagac	tgaggcactg	gcagctagtt	ccacattttc	1140
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aatgatcaga	ttggttatgt	ttgaaacagc	attcgttatt	aactgtttta	agtcaaaagg	1260
tctacctttg	tatgtttcaa	tagcatcatt	gaaaaatttg	gtttcttcca	agattttaga	1320
ttcaaaagac	ttttggccat	atccaaaata	tcgaaaactg	tttacagcta	atcgtctgtg	1380
atcaacccat	cctcggccat	atctggaatt	gagtaagcct	cccatttttg	tcattcttcat	1440
gaataaagga	aggcatggtc	tgtctgcaaa	aatttcgctt	tgatgaacaa	ggcattccct	1500
tactacatca	tagccattta	caaccacagt	tgatatgcct	ccaagatcta	gactg	1555

<210> 3710

<211> 3219

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(3220)

<223> n = a,t,c or g

<220>

<221> misc\_feature

<222> (1)...(2744)

<223> similar to gi4927370 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters

<400> 3710

atgcccgcc	tgccctccag	cggccccggg	gacaccagca	gctctgctgc	ggagcgggag	60
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cccagcacca	cggcacggaa	ggtggggcgg	cctgggagga	agcgcaagca	ccccccggtg	180
gaaagcggtg	acacgccaaa	ggacctgcg	gtgatctcca	agtccccatc	catggcccag	240
gactcaggcg	cctcagagct	attaccaat	ggggacttgg	agaagcggag	tgagccccag	300
ccagaggagg	ggagccctgc	tggggggcag	aagggcgggg	ccccagcaga	gggagagggg	360
gcagctgaga	ccctgcctga	agcctcaaga	gcagtggaaa	atggctgctg	cacccccaa	420
gagggccgag	gagccctgc	agaagcgggc	aaagaacaga	aggagaccaa	catcgaatcc	480
atgaaaatgg	agggctcccc	gggcccggctg	cgggggtggct	tgggctggga	gtccagcctc	540
cgtcagcggc	ccatgccgag	gctcaccttc	caggcggggg	accctacta	catcagcaag	600
cgcaagcggg	acgagtggct	ggcacgctgg	aaaagggagg	ctgagaagaa	agccaagggtc	660
attgcaggaa	tgaatgctgt	ggaagaaaac	caggggcccc	gggagtctca	caaggtggag	720
gaggccagcc	ctctgctgt	gcagcagccc	actgaccccc	catccccac	tgtggctacc	780